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# PRIMARY IRON AND STEEL

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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-Alloys

Table 1 - Iron Blast Furnace Charges\*

	January, 1959	January, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	81,749	190,757
(b) From foreign mines .....	179,341	146,837
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	90,606**	87,503
(b) From foreign mines .....	47,370	73,829
(c) From own processing .....	136,016**	125,675
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	16,978	13,982
Scrap iron and steel .....	9,423	21,357
Limestone .....	62,773	72,073
Dolomite .....	23,235	26,329
Coke .....	232,119	280,165

\* Does not include charges into furnaces used in the smelting of titanium ores.

\*\* Revised.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, January

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	299,110	4,334	335,871	5,983
Foundry (including silvery pig) .....	-	7,517**	24,948**	6,728**
Malleable .....	174	13,032	13,704	23,669
Total pig iron .....	299,284	24,883	374,523	36,380
Ferro-alloys .....	9,200	8,683	11,707	12,402
Stocks of pig iron on hand at end of month	251,831		258,691	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Description of Iron Blast Furnaces\* at End of January, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	13	3,908,600	85.8
Banked .....	-	-	-
Blown out .....	2	649,300	14.2
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 4 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings ...	7,241,000

Table 5 - Pig Iron and Scrap Charged to Steel Furnaces, January

	1959	1960
	(Tons of 2,000 pounds)	
Pig iron .....	279,493	325,015
Scrap - Own make .....	115,237	147,267
Purchased .....	109,335	158,162
Total pig iron and scrap .....	504,065	630,444

Table 6 - Production and Shipments of Steel Ingots and Castings, January

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	417,783**	171	502,756	18,263
Electric .....	38,681**	3,343	59,396	7,484
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	456,464	3,514	562,152	25,747
Alloy steel ingots included in above .....	15,476	-	29,874	2,000
<u>Steel castings</u>				
Open hearth - basic .....	1,082	1,003	729	770
Electric .....	3,565	3,530	7,176	6,531
Other .....	2	2	-	-
Total steel castings .....	4,649	4,535	7,905	7,301
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	127	207	193	205
(b) High alloy, manganese and abrasion resistant .....	1,116	1,066	1,461	1,492
(c) All other alloys .....	241	220	301	271
Total alloy castings .....	1,484	1,493	1,955	1,968

\* Includes amounts for sale and for own use.      \*\* Revised.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Production and Shipments of Steel Pipe, Tubing and Fittings.

	January 1960*	
	Made	Shipped
Pipe welded and seamless:	(Tons of 2,000 pounds)	
(a) 4 1/2" outside diameter and under (excluding casing).	21,036	11,854
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	13,904	14,152
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	7,525	7,025
Total .....	42,465	33,031
Steel pipe fittings:		
(a) Buttwelding fittings .....	91	114
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	462	536
Total .....	553	650

\* Comparable data for previous year not available. (1) Included with other.

Table 8 - Disposition of Shipments\* of Steel Castings

	January 1960	
	Carbon	Alloy
	(Tons of 2,000 pounds)	
Direct export (a) British Commonwealth .....	-	-
(b) All other .....	7	124
Automotive industries .....	56	8
Agricultural, including implement and equipment manufacturers .....	93	1
Machinery and tools .....	1,275	359
Mining, lumbering and quarrying industries .....	651	785
Oil and gas, including refineries .....	65	13
National defence .....	6	6
Public works and public utilities .....	54	22
Railway operating .....	2,541	216
Railway cars and locomotives .....	262	9
Shipbuilding .....	55	18
Miscellaneous and unclassified .....	270	407
Total shipments .....	5,335	1,968

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request. As of January, 1957 includes producers' own-make castings allocated to appropriate consuming industry.



Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
1 9 5 9					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728

1 9 6 0

January .....	374,523	11,707	562,152	7,905	570,057
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(c) Rolled Steel Products

Table 10 - Production and Shipments of Rolled Steel Products, January, 1960.

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	35,481	33,713	28,286	5,427
(b) For forging and piercing .....	21,137	18,519	-	18,519
Rails .....	21,827	19,074	-	19,074
Wire rods .....	36,457	34,975	553	34,422
Structural shapes:				
(a) Heavy, including piling .....	20,404	19,790	-	19,790
(b) Light .....	7,739	7,200	-	7,200
Concrete reinforcing bars .....	20,997	20,299	-	20,299
Other hot rolled bars .....	37,331	39,553	2,581	36,972
Tie plates and track material:				
(a) Angle bars .....	1,851	1,871	-	1,871
(b) Tie plates .....	6,762	7,487	-	7,487
(c) Track spikes .....	824	642	-	642
Plates (including plates for pipes and tubes) .....	51,042	49,006	263	48,743
Hot rolled sheets and strip .....	225,498	216,343	137,269	79,074
Total all hot rolled products ....	487,450	468,472	168,952	299,520
<u>Cold rolled and coated</u>				
Cold finished bars .....	3,625	3,583	-	3,583
Cold reduced strip .....	5,827	5,568	-	5,568
Cold reduced sheets, tin mill black plate and tin plate .....	126,012	123,162	53,809	69,353
Galvanized sheets .....	24,305	24,382	-	24,382
Total all cold rolled and coated ..	159,769	156,695	53,809	102,886
Grand total all carbon products .....	647,219	625,167	222,761	402,406
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	98	98	98	-
(b) For forging and piercing .....	376	396	-	396
Alloy plates .....	-	-	-	-
Other hot rolled bars, including high-speed steel and alloy tool steel .....	9,676	8,022	45	7,977
Structurals .....	-	-	-	-
Cold finished bars .....	489	459	-	459
Wire rods .....	132	158	-	158
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	2,044	2,131	-	2,131
Total all alloy products .....	12,815	11,264	143	11,121

Table 11 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	Programme	January, 1960	
		Carbon	Alloy
		(Tons of 2,000 pounds)	
4	Wholesalers and warehouses .....	57,357	2,094
5	Direct export:		
	(a) British Commonwealth .....	208	381
	(b) All other .....	23,616	315
6	Automotive industries .....	28,389	4,788
7	Agricultural, including implement and equipment manufacturers .....	10,802	262
8	Building construction .....	70,874	222
9	Container industry .....	31,487	5
10	Machinery and tools .....	18,495	1,588
11	Merchant trade products .....	40,974	576
12	Mining, lumbering, etc. ....	6,417	544
13	National defence .....	207	30
14	Pressing, forming and stamping .....	20,071	271
15	Public works and utilities .....	2,934	-
16	Railway operating .....	29,835	21
17	Railway cars and locomotives .....	3,507	9
18	Shipbuilding .....	1,219	15
19	Pipes and tubes .....	55,170	-
20	Miscellaneous and unclassified .....	844	-
	Net shipments .....	402,406	11,121

\* Compiled by principal consuming industries according to the revised Steel Distribution Index, copies of which are available on request.



Table 12 - Disposition of Shipments\* of Rolled Steel Products, by Product, January

Programme**	Semi finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons)						
Wholesale, etc. ....	-	24	898	5,356	2,661	4,369
Export:						
British Empire .....	-	-	-	-	-	-
All other .....	5,505	350	1,319	119	20	6
Automotive .....	893	-	-	158	-	12
Agricultural, etc. ....	-	-	69	368	427	-
Building .....	286	98	836	11,064	2,521	11,875
Container .....	-	-	2	-	-	-
Machinery, etc. ....	857	-	143	558	640	662
Merchant trade .....	410	-	31,154	20	39	927
Mining, etc. ....	65	818	52	1,670	1	-
National defence .....	-	-	-	-	-	-
Pressing, etc. ....	-	-	106	14	770	9
Public works, etc. ....	-	-	1	-	15	2,425
Railway operating .....	-	17,744	-	257	25	11
Railway cars, etc. ....	1,174	30	-	149	61	-
Shipbuilding .....	-	10	-	57	20	-
Pipes and tubes .....	14,729	-	-	-	-	-
Miscellaneous .....	423	-	-	-	-	3
Net shipments .....	24,342	19,074	34,580	19,790	7,200	20,299

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
8,091	13	10,079	9,838	1,122	436	9,963	6,601	59,451
238	-	-	202	40	-	109	-	589
2,029	-	5,504	5,623	50	-	3,342	64	23,931
7,048	-	434	18,101	1,051	1,026	4,266	188	33,177
4,700	-	662	3,278	493	72	880	115	11,064
4,671	2	15,764	5,482	21	542	4,354	13,580	71,096
2	10	-	760	1	-	30,494	223	31,492
5,333	2	4,173	3,179	524	1,356	2,123	533	20,083
7,066	-	31	954	287	31	612	19	41,550
2,923	30	796	381	52	24	131	18	6,961
24	-	172	9	7	-	-	25	237
904	-	809	5,530	360	650	8,736	2,454	20,342
29	-	21	7	-	436	-	-	2,934
943	9,943	700	186	29	-	1	17	29,856
752	-	849	379	3	-	119	-	3,516
142	-	922	63	2	-	-	18	1,234
-	-	7,778	27,233	-	891	4,054	485	55,170
54	-	49	-	-	104	169	42	844
44,949	10,000	48,743	81,205	4,042	5,568	69,353	24,382	413,527

\*\* Abbreviations correspond to headings in Table 11.

Primary Iron and Steel

Table 13 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1960		
		Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
<u>Pig iron:</u>				
Other .....	United States	58	-	-
	Australia	135	-	-
	U.S.S.R.	56	-	-
<u>Ingots and semi-finished:</u>				
Ingots .....	United States	93	-	50.8
Billets, blooms, slabs and sheet bars .....	United States	81	68	124.5
	United Kingdom	-	-	1.4
<u>Bars and sections:</u>				
Hot rolled bars, n.o.p. ....	United States	1,554	90	1.2
	United Kingdom	50	29	3.6
	Belgium	211	-	-
	France	135	-	-
	Japan	34	-	-
	Sweden	75	13	.2
Hot rolled bars for agricultural implements	United States	561	67	-
Rounds over 4 7/8", squares over 4" .....	United States	115	1	1.0
	United Kingdom	16	5	1.3
Concrete reinforcing bars .....	Belgium	31	-	-
	Germany	42	-	-
	Japan	376	-	-
Sash or casement sections .....	United States	170	-	-
	United Kingdom	5	-	-



Cold rolled bars, n.o.p. ....	United States	143	19	6.1
	United Kingdom	446	-	4.4
	Sweden	1	-	-

Cold rolled bars for agricultural implements .....	United States	2	-	-
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Tool steel:

All forms and sizes .....	United States	114	142	-
	United Kingdom	17	16	-
	Austria	1	4	-
	France	-	16	-
	Germany	-	1	-
	Sweden	1	32	-

Structural shapes:

Wide flange beams .....	United States	16,906	-	-
	United Kingdom	6,874	-	-
	Belgium	121	-	-
	France	22	-	-
	Germany	446	-	-

Sheet piling .....

United States	21	-	-
United Kingdom	76	-	-
Belgium	1,974	-	-

Structurals, n.o.p. 3" to 6" . ....

United States	856	-	.1
United Kingdom	187	-	-
Belgium	243	-	-
France	10	-	-
Germany	23	-	-

Structurals, n.o.p. over 6" .....

United States	3,965	-	-
United Kingdom	827	-	-
Belgium	44	-	-
France	33	-	-

Primary Iron and Steel

Table 13 - Imports of Selected Forms of Iron and Steel - Continued.

Commodity	Country of origin	January, 1960	
		Carbon	Alloy      Stainless
		(Tons of 2,000 pounds)	
Structural shapes (concluded):			
Bar size structurals, n.o.p. ....	United States	582	8      6.3
	United Kingdom	138	-
	Belgium	225	-
	France	11	-
	Germany	10	-
	Italy	121	-
	Japan	110	-
	Sweden	-	1.4
Bar size structurals for agricultural implements .....	United States	398	-
Plates:			
60" and under in width .....	United States	217	18      25.7
	United Kingdom	170	-
	France	18	-
	Germany	30	-
	Japan	417	-
Over 60" up to and including 100" in width.	United States	1,133	5      88.7
	United Kingdom	1,672	-
	Germany	235	-
	Japan	1,331	-
Over 100" in width .....	United States	301	21      -
	United Kingdom	137	-
Flanged or dished .....	United States	205	2      14.0
Floor plate .....	United States	1,187	-
	United Kingdom	154	-

France		23	-	-
<u>Sheets and strip (except stainless):</u>				
Hot rolled -				
Under 12" in width .....				
	United States	840	22	-
	United Kingdom	13	1	-
	Belgium	18	-	-
	France	67	-	-
12" up to but not including 24" in width.				
	United States	60	-	-
	United Kingdom	4	-	-
24" to 51" in width .....				
	United States	307	12	-
	United Kingdom	164	-	-
	Japan	110	-	-
Over 51" in width .....				
	United States	1,378	-	-
	United Kingdom	11	-	-
Cold rolled -				
Under 24" in width .....				
	United States	471	6	-
	United Kingdom	65	-	-
	Sweden	9	-	-
24" to 51" in width .....				
	United States	613	-	-
	United Kingdom	528	-	-
	Australia	49	-	-
Over 51" in width .....				
	United States	1,085	-	-
Enameling grade .....				
	United States	1,337	-	-
	United Kingdom	127	-	-
Aluminized .....				
	United States	156	-	-
Coated (other than metal or asbestos bonded) .....				
	United States	997	-	-
	United Kingdom	34	-	-



# Primary Iron and Steel

Table 13 - Imports of Selected Forms of Iron and Steel - Continued

Commodity	Country of origin	January, 1960		
		Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
Sheets and strip (except stainless): - Concluded				
Asbestos bonded (includes galvanized and corrugated) .....	United States	325	-	-
	United Kingdom	25	-	-
Metal coated, n.o.p. ....	United States	45	-	-
	Germany	6	-	-
Electro galvanized .....	United States	173	-	-
Galvanized, n.o.p. ....	United States	359	-	-
	United Kingdom	71	-	-
	Japan	5	-	-
Electrical (silicon content 2.90 or more) .	United States	-	2,263	-
	United Kingdom	-	23	-
	Sweden	-	1	-
Electrical, n.o.p. ....	United States	-	39	-
Saw steel .....	United States	18	279	-
	United Kingdom	-	9	-
	Sweden	-	3	-
Hot rolled wasters .....	United States	17	-	-
Cold rolled wasters .....	United States	69	-	-
Black plate .....	United States	58	-	-
Tin plate primes .....	United States	44	-	-
Tin plate electrolytic .....	United States	40	-	-

Tin plate wasters and seconds .....	United States	53	-	-
Terne plate long .....	United States	763	-	-
	United Kingdom	9	-	-
	Australia	22	-	-
Terne plate short .....	United States	50	-	-
Strip for hoop .....	United States	27	-	-
	United Kingdom	10	-	-
<hr/>				
<u>Stainless sheets and strip:</u>				
Hot rolled -				
Under 24" in width 18 gauge and heavier .	United States	-	-	.4
24" up to and including 51" in width				
18 gauge and heavier .....	United States	-	-	2.9
	United Kingdom	-	-	4.2
	Japan	-	-	.1
	Sweden	-	-	15.8
24" up to and including 51" in width				
lighter than 18 gauge .....	United States	-	-	12.4
	United Kingdom	-	-	.4
Over 51" in width 18 gauge and heavier ..	United States	-	-	2.6
Cold rolled -				
Under 24" in width 18 gauge and heavier .	United States	-	-	12.9
Under 24" in width lighter than 18 gauge.	United States	-	-	114.1
Cold rolled, n.o.p. ....	United States	-	-	239.4
	United Kingdom	-	-	5.6
	Japan	-	-	20.4

# Primary Iron and Steel

Table 13 - Imports of Selected Forms of Iron and Steel - Continued

Commodity	Country of origin	January, 1960		
		Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)		
Plate, sheet and strip for pipes and tubes:				
Hot rolled -				
15 3/8" and under in width .....	United States	297	-	-
	United Kingdom	371	-	-
Cold rolled .....	United States	51	-	-
Pipes and tubes:				
Spiral welded .....	United States	76	-	-
Cast .....	United States	50	-	-
	United Kingdom	122	-	-
For pressure parts of boilers -				
Seamless hot finished .....	United States	25	48	-
	United Kingdom	9	18	-
	Germany	9	-	-
Seamless cold drawn .....	United States	1	11	.4
	United Kingdom	29	-	-
Welded .....	United Kingdom	222	-	-
	France	20	-	-
Seamless cold drawn, n.o.p. ....	United States	144	20	9.9
	United Kingdom	55	1	1.9
	Sweden	1	1	-
Mechanical tubing .....	United States	868	467	2.0
	United Kingdom	130	15	-
	Germany	4	1	-
	Netherlands	10	-	-
	Sweden	-	49	-



Seamless hot finished, n.o.p. - Up to and including 6 5/8" O.D. ....	United States United Kingdom Japan	139 9 69	8 113 -	1.7 - -
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States United Kingdom	47 4	- -	- -
Over 10 1/2" O.D. up to and including 16" O.D. ....	United States	164	-	-
Over 16" O.D. ....	United States	78	-	-
Drill pipe ....	United States	262	-	-
Welded n.o.p. - Up to and including 4 1/2" O.D. ....	United States United Kingdom France Japan Netherlands Norway	272 48 237 14 13 20	- - - - - -	6.5 1.0 - - - -
Over 4 1/2" O.D. up to and including 16" O.D. ....	United States	45	-	6.8
Over 16" O.D. ....	United Kingdom	3,533	-	-
Oil country tubing up to and including 3 1/2" O.D. ....	United States	80	-	-
Casing - J-55 and H-40 ....	United States United Kingdom Italy Japan	93 207 70 3,014	- - - -	- - - -
All other casing.....	United States United Kingdom Germany	135 13 204	- - -	- - -

# Primary Iron and Steel

Table 13 - Imports of Selected Forms of Iron and Steel - Continued

Commodity	Country of origin	January, 1960		
		Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)		
Pipes and tubes (concluded):				
Conduit .....	United States	130	-	-
Wire products:				
Wire -				
For wire rope .....	United States	31	-	.3
	United Kingdom	930	-	-
	Germany	297	-	-
For springs, cushions, etc. ....	United States	1	-	-
For corset clasps, dress stays, etc. ....	United States	6	-	-
	United Kingdom	1	-	-
Coated - (tin, copper, plastic, paper, paint, etc.) .....	United States	34	-	-
	United Kingdom	10	-	.3
	Japan	1	-	-
Galvanized fence wire .....	United Kingdom	73	-	-
	Germany	190	-	-
Galvanized, n.o.p. ....	United States	24	-	-
	United Kingdom	81	-	-
	France	5	-	-
	Germany	1	-	-
Wire, n.o.p. ....	United States	150	4	6.6
	United Kingdom	164	-	-
	Belgium	10	-	-
	France	17	-	-
	Japan	22	-	-

Wire rope .....	United States	38	-	.4
	United Kingdom	75	-	.2
	Belgium	7	-	-
	Denmark	3	-	-
	France	85	-	-
	Germany	188	-	-
	Japan	8	-	-
	Netherlands	83	-	-
	Norway	2	-	-
	Sweden	15	-	-
Welding rods (cut length) .....	United States	69	71	18.6
	United Kingdom	32	1	-
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	80	23	1.1
	Belgium	14	-	-
Wire rods (all sizes) .....	United States	49	-	3.1
	United Kingdom	12	-	-
	Belgium	251	-	-
	Germany	177	-	-

Rails and railway material:

Rails -				
60 lbs. and under per lineal yard .....	United States	3	-	-
	Germany	30	-	-
Over 60 lbs. up to and including 100 lbs. per lineal yard .....	United States	17	-	-
Track material -				
Fish plates, angle bars, etc. ....	United States	136	-	-
	Germany	11	-	-
Switch points, guard rails etc. ....	United States	7	-	-



Primary Iron and Steel

Table 13 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of origin	January, 1960		
		Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
Rails and railway material (concluded):				
Other Railway material -				
Axles .....	United States	65	-	-
Steel tires .....	United States	22	-	-
Steel wheels .....	United States	8	-	-
	United Kingdom	483	-	-
TOTAL IMPORTS .....		72,020	4,066	822.7

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steel is generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 13 - for special breakdown see Table 14.

Primary Iron and Steel

Table 14 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	<u>January, 1960</u>
		(Tons of 2000 pounds)
<u>Hot Rolled Bars:</u>		
Rounds over 4-7/8", squares over 4" ..	United States	6.0
<u>Structural Shapes:</u>		
Wide flange beams .....	United States	47.2
n.o.p. 3" to 6" .....	United States	7.3
n.o.p. over 6" .....	United States	237.7
Bar size, n.o.p. ....	United States	3.1
<u>Plates:</u>		
60" and under in width .....	United States	23.1
over 60" up to and including 100"		
in width .....	United States	145.7
	United Kingdom	37.9
<u>Sheets and strip (except stainless):</u>		
Hot rolled -		
24" to 51" in width .....	United States	79.2
over 51" in width .....	United States	171.2
Cold rolled -		
over 51" in width .....	United States	30.0
<u>Pipes and tubes:</u>		
Mechanical tubing .....	United States	.2
Welded n.o.p. 4-1/2 " O.D. and under	United States	13.8
Total High-strength Low Alloy.		802.4

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 13.

Table 15 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	January, 1960		
	Carbon	Alloy	Stainless
	(Tons of 2,000 pounds)		
United States .....	41,644	3,714	760.5
United Kingdom .....	18,443	231	24.3
Australia .....	206	-	-
Austria .....	1	4	-
Belgium (1) .....	3,149	-	-
Denmark .....	3	-	-
France .....	683	16	-
Germany .....	1,903	2	-
Italy .....	191	-	-
Japan .....	5,511	-	20.5
Netherlands .....	106	-	-
Norway .....	22	-	-
Sweden .....	102	99	17.4
U.S.S.R. ....	56	-	-
Total .....	72,020	4,066	822.7

(1) Includes Luxembourg.

Table 16 - Exports of Selected Forms of Iron and Steel

	January, 1960
	(Tons of 2,000 pounds)
Pig iron .....	113
Sponge iron and primary iron n.o.p. ....	110
Ingots, blooms and billets .....	9,624
Castings, iron and steel .....	957
Forgings .....	247
Hot rolled bars including fabricated .....	6,933
Cold rolled bars .....	421
Wire rods .....	866
Plates .....	7,323
Hot rolled sheets and strips .....	7,488
Sheets and strips n.o.p. ....	20,074
Rails .....	1,072
Structural shapes .....	441
Pipes and tubing - Wrought iron .....	250
- Cast iron .....	-
- Galvanized .....	88
- Other .....	5,523
Total .....	61,530

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 8, 11 and 12.



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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	February, 1960	Two months ended February, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	194,133	384,890
(b) From foreign mines .....	115,836	262,673
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	87,923	175,426
(b) From foreign mines .....	75,714	149,543
(c) From own processing .....	121,401	247,076
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	14,122	28,104
Scrap iron and steel .....	15,464	36,821
Limestone .....	68,925	140,998
Dolomite .....	21,833	48,162
Coke .....	261,481	541,646

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, February

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	277,278	5,905	318,918	3,730
Foundry (including silvery pig)** .....	-2	2,810	19,473	9,536
Malleable .....	5,366	16,251	18,952	24,812
Total pig iron .....	282,642	24,966	357,343	38,078
Ferro-alloys .....	7,924	9,244	10,065	12,169
Stocks of pig iron on hand at end of month.	241,954		252,266	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Two Months Ended February

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	576,388	10,239	654,789	9,713
Foundry (including silvery pig)** .....	-2	10,327	44,421	16,264
Malleable .....	5,540	29,283	32,656	48,481
Total pig iron .....	581,926	49,849	731,866	74,458
Ferro-alloys .....	17,124	17,927	21,772	24,571

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of February, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	13	3,908,600	85.8
Banked .....	-	-	-
Blown out .....	2	649,300	14.2
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	February		Two months Ended February	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
(Tons of 2,000 pounds)				
Pig iron .....	266,782	324,382	546,275	649,397
Scrap - Own make .....	97,504	153,119	212,741	300,386
Purchased .....	108,275	145,714	217,610	303,876
Total pig iron and scrap .....	472,561	623,215	976,626	1,253,659

Table 7 - Production and Shipments of Steel Ingots and Castings, February

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	392,340r	247	484,233	18,731
Electric .....	39,581r	3,637	60,487	11,489
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	431,921	3,884	544,720	30,220
Alloy steel ingots included in above ..	16,583	-	25,865	683
<u>Steel castings</u>				
Open hearth - basic .....	1,119	1,024	190	780
Electric .....	3,891	3,663	6,647	7,790
Other .....	1	1	-	-
Total steel castings .....	5,011	4,688	6,837	8,570
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	175	110	242	219
(b) High alloy, manganese and abrasion resistant .....	1,270	1,281r	1,900	1,687
(c) All other alloys .....	198	240	318	338
Total alloy castings .....	1,643	1,631r	2,460	2,244

\* Includes amounts for sale and for own use.

r - Revised.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Two Months Ended February

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic .....	810,123r	418	986,989	36,994
Electric .....	78,262r	6,980	119,883	18,973
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	888,385	7,398	1,106,872	55,967
Alloy steel ingots included in above .....	32,059	-	55,739	2,683
<u>Steel castings</u>				
Open hearth - basic .....	2,201	2,027	919	1,550
Electric .....	7,456	7,193	13,823	14,321
Other .....	3	3	-	-
Total steel castings .....	9,660	9,223	14,742	15,871
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	302	317	435	424
(b) High alloy, manganese and abrasion resistant .....	2,386	2,347r	3,361	3,179
(c) All other alloys .....	439	460	619	609
Total alloy castings .....	3,127	3,124r	4,415	4,212

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".  
r Revised.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	February, 1960		Two Months Ended February, 1960	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Direct export (a) British Empire .....	-	-	-	-
(b) All other .....	62	379	69	503
Automotive industries .....	129	10	185	18
Agricultural, including implement and equipment manufacturers .....	104	1	197	2
Machinery and tools .....	1,234	405	2,509	787r
Mining, Lumbering and quarrying industries ...	700	876	1,351	1,638r
Oil and gas, including refineries .....	49	16	114	29
National defence .....	3	28	9	34
Public works and public utilities .....	20	24	74	46
Railway operating .....	3,455	210	5,996	426
Railway cars and locomotives .....	287	44	549	53
Shipbuilding .....	36	5	91	23
Miscellaneous and unclassified .....	247	246	517	653
Total shipments .....	6,326	2,244	11,661	4,212

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

r Revised. January figures should have read 382;762.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728

1 9 6 0

January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
Total two months ...	731,866	21,772	1,106,872	14,742	1,121,614



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, February, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	13,620	13,734
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	15,134	11,011
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,282	6,277
Total .....	34,036	31,022
Steel pipe fittings:		
(a) Buttwelding fittings .....	80	107
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	502	567
Total .....	582	674

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Two Months Ended February, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	34,656	25,588
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	29,038	25,163
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	12,807	13,302
Total .....	76,501	64,053
Steel pipe fittings:		
(a) Buttwelding fittings .....	171	221
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	964	1,103
Total .....	1,135	1,324

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
February, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	35,170	30,057	26,556	3,501
(b) For forging and piercing ....	16,023	17,304	-	17,304
Rails .....	23,629	22,906	-	22,906
Wire rods .....	31,340	31,975	127	31,848
Structural shapes:				
(a) Heavy, including piling .....	17,568	18,729	-	18,729
(b) Light .....	9,171	8,159	-	8,159
Concrete reinforcing bars .....	22,231	22,388	-	22,388
Other hot rolled bars .....	34,884	32,796	4,647	28,149
Tie plates and track material:				
(a) Angle bars .....	1,848	1,951	-	1,951
(b) Tie plates .....	2,897	2,842	-	2,842
(c) Track spikes .....	952	970	-	970
Plates (including plates for pipes and tubes) .....	49,688	52,620	-	52,620
Hot rolled sheets and strip .....	201,355	202,565	125,321	77,244
Total all hot rolled products ..	446,756	445,262	156,651	288,611
<u>Cold rolled and coated</u>				
Cold finished bars .....	3,200	3,136	-	3,136
Cold reduced strip .....	5,688	5,755	-	5,755
Cold reduced sheets, tin mill black plate and tin plate .....	124,364	122,893	54,754	68,139
Galvanized sheets .....	23,374	21,372	247	21,125
Total all cold rolled and coated	156,626	153,156	55,001	98,155
Grand total all carbon products .....	603,382	598,418	211,652	386,766
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing ....	848	842	6	836
Alloy plates .....	-	-	-	-
Other hot rolled bars, including high-speed steel and alloy tool steel .....	9,850	10,387	39	10,348
Structurals .....	-	-	-	-
Cold finished bars .....	594	572	-	572
Wire rods .....	67	39	-	39
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,158	2,044	-	2,044
Total all alloy products .....	13,517	13,884	45	13,839

Table 14 - Production and Disposition of Shipments of Rolled Steel Products,  
Two Months ended February, 1960

	Production	Total of all shipments	Shipments for further processing	Net Shipments
	(Tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	70,751 <sup>r</sup>	63,770	54,842	8,928
(b) For forging and piercing ....	37,160	35,823	-	35,823
Rails .....	45,456	41,980	-	41,980
Wire rods .....	67,797	66,950	680	66,270
Structural shapes:				
(a) Heavy, including piling .....	37,972	38,519	-	38,519
(b) Light .....	16,910	15,359	-	15,359
Concrete reinforcing bars .....	43,228	42,687	-	42,687
Other hot rolled bars .....	72,215	72,349	7,228	65,121
Tie plates and track material:				
(a) Angle bars .....	3,699	3,822	-	3,822
(b) Tie plates .....	9,659	10,329	-	10,329
(c) Track spikes .....	1,776	1,612	-	1,662
Plates (including plates for pipes and tubes) .....	100,730	101,626	263	101,363
Hot rolled sheets and strip .....	426,853	418,908	262,590	156,358
Total all hot rolled products ..	934,206	913,734	325,603	588,131
<u>Cold rolled and coated</u>				
Cold finished bars .....	6,825	6,719	-	6,719
Cold reduced strip .....	11,515	11,323	-	11,323
Cold reduced sheets, tin mill black plate and tin plate .....	250,376	246,055	108,563	137,492
Galvanized sheets .....	47,679	45,754	247	45,507
Total all cold rolled and coated	316,395	309,851	108,810	201,041
Grand total all carbon products .....	1,250,601	1,223,585	434,413	789,172
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	98	98	98	-
(b) For forging and piercing ....	1,224	1,238	6	1,232
Alloy plates .....	-	-	-	-
Other hot rolled bars, including high-speed steel and alloy tool steel .....	19,526	18,409	84	18,325
Structurals .....	-	-	-	-
Cold finished bars .....	1,083	1,031	-	1,031
Wire rods .....	199	197	-	197
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	4,202	4,175	-	4,175
Total all alloy products .....	26,332	25,148	188	24,960

<sup>r</sup> Revised. January figure should have read 35,581.

Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	February, 1960		Two months ended February, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
4 Wholesalers and warehouses .....	53,827	1,422	111,184	3,516
5 Direct export:				
(a) British Commonwealth .....	40	357	248	738
(b) All other .....	13,696	592	37,312	907
6 Automotive industries .....	33,274	6,132	61,663	10,920
7 Agricultural, including implement and equipment manufacturers .....	7,985	84	18,787	346
8 Building construction .....	70,937	64	141,811	286
9 Container industry .....	31,831	6	63,318	11
10 Machinery and tools .....	15,395	1,668	33,890	3,256
11 Merchant trade products .....	39,710	591	80,684	1,167
12 Mining, lumbering, etc. ....	5,519	2,448	11,936	2,992
13 National defence .....	788	99	995	129
14 Pressing, forming and stamping .....	20,363	331	40,434	602
15 Public works and utilities .....	3,077	-	6,011	-
16 Railway operating .....	29,173	27	59,008	48
17 Railway cars and locomotives .....	4,142	5	7,649	14
18 Shipbuilding .....	1,952	13	3,171	28
19 Pipes and tubes .....	54,453	-	109,623	-
20 Miscellaneous and unclassified .....	604	-	1,448	-
Net shipments .....	386,766	13,839	789,172	24,960

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, February

Programme**	Semi finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars	(Tons)
				Heavy, including piling	Light		
Wholesale, etc. ....	-	129	775	4,867	2,679	4,718	
Export:							
British Empire .....	-	-	-	-	-	-	
All Other .....	3,819	346	75	361	19	-	
Automotive .....	1,551	-	-	78	148	-	
Agricultural, etc. ....	-	-	56	561	679	-	
Building .....	110	84	1,123	11,491	3,330	13,090	
Container .....	-	-	3	-	-	-	
Machinery, etc. ....	663	-	97	482	201	149	
Merchant trade .....	212	-	29,379	161	142	1,864	
Mining, etc. ....	102	569	96	79	229	146	
National defence .....	-	-	-	-	-	3	
Pressing, etc. ....	-	-	71	158	618	122	
Public works, etc. ....	-	-	211	51	-	2,296	
Railway operating .....	-	21,778	-	65	15	-	
Railway cars, etc. ....	1,464	-	-	183	82	-	
Shipbuilding .....	-	-	1	192	17	-	
Pipes and tubes .....	13,529	-	-	-	-	-	
Miscellaneous .....	191	-	-	-	-	-	
Net shipments .....	21,641	22,906	31,887	18,729	8,159	22,388	

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 11 -

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
5,379	11	9,517	9,995	773	453	9,812	6,141	55,249
142	-	-	215	-	-	40	-	397
835	-	4,649	1,674	21	-	2,405	84	14,288
7,591	-	523	23,193	1,047	1,114	3,961	200	39,406
2,263	-	607	2,229	440	123	998	113	8,069
3,999	10	16,896	5,054	51	413	4,031	11,319	71,001
5	-	-	556	-	-	31,095	178	31,837
3,305	-	5,054	3,310	487	1,142	1,878	295	17,063
7,062	-	27	233	332	166	636	87	40,301
5,413	79	512	404	51	-	287	-	7,967
273	-	529	7	55	20	-	-	887
929	-	1,315	5,167	436	661	9,020	2,197	20,694
-	-	-	-	-	519	-	-	3,077
593	5,627	848	215	1	-	4	54	29,200
536	5	1,196	542	3	-	113	23	4,147
121	31	1,224	229	1	-	19	130	1,965
-	-	9,702	26,265	-	957	3,782	218	54,453
51	-	21	-	10	187	58	86	604
38,497	5,763	52,620	79,288	3,708	5,755	68,139	21,125	400,605

\*\* Abbreviations correspond to headings in Table .

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Two

Programme**	Semi-finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars	(Tons)
				Heavy, including piling	Light		
Wholesale, etc. ....	-	153	1,673	10,223	5,340	9,087	
Export:							
British Empire .....	-	-	-	-	-	-	
All other .....	9,324	696	1,394	480	39	6	
Automotive .....	2,444	-	-	236	148	12	
Agricultural, etc. ....	-	-	125	929	1,106	-	
Building .....	396	182	1,959	22,555	5,851	24,965	
Container .....	-	-	5	-	-	-	
Machinery, etc. ....	1,520	-	240	1,040	841	811	
Merchant trade .....	622	-	60,533	181	181	2,791	
Mining, etc. ....	167	1,387	148	1,749	230	146	
National defence .....	-	-	-	-	-	3	
Pressing, etc. ....	-	-	177	172	1,388	131	
Public works, etc. ....	-	-	212	51	15	4,721	
Railway operating .....	-	39,522	-	322	40	11	
Railway cars, etc. ....	2,638	30	-	332	143	-	
Shipbuilding .....	-	10	1	249	37	-	
Pipes and tubes .....	28,258	-	-	-	-	-	
Miscellaneous .....	614	-	-	-	-	3	
Net shipments .....	45,983	41,980	66,467	38,519	15,359	42,687	

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 13 -

Months Ended February, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
13,470	24	19,596	19,833	1,895	889	19,775	12,742	114,700
380	-	-	417	40	-	149	-	986
2,864	-	10,153	7,297	71	-	5,747	148	38,219
14,639	-	957	41,294	2,098	2,140	8,227	388	72,583
6,963	-	1,269	5,507	933	195	1,878	228	19,133
8,670	12	32,660	10,536	72	955	8,385	24,899	142,097
7	10	-	1,316	1	-	61,589	401	63,329
8,638	2	9,227	6,489	1,011	2,498	4,001	828	37,146
14,128	-	58	1,187	619	197	1,248	106	81,851
8,336	109	1,308	785	103	24	418	18	14,928
297	-	701	16	62	20	-	25	1,124
1,833	-	2,124	10,697	796	1,311	17,756	4,651	41,036
29	-	21	7	-	955	-	-	6,011
1,536	15,570	1,548	401	30	-	5	71	59,056
1,288	5	2,045	921	6	-	232	23	7,663
263	31	2,146	292	3	-	19	148	3,199
-	-	17,480	53,498	-	1,848	7,836	703	109,623
105	-	70	-	10	291	227	128	1,448
83,446	15,763	101,363	160,493	7,750	11,323	137,492	45,507	814,132

\*\* Abbreviations correspond to headings in Table .



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1960			Two months ended February, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
<u>Pig iron:</u>							
Other .....	United States	57	-	-	115	-	-
	United Kingdom	45	-	-	45	-	-
	Australia	-	-	-	135	-	-
	U.S.S.R.	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	72	28	-	165	28	50.8
Billets, blooms, slabs and sheet bars .	United States	-	23	49.3	81	91	173.8
	United Kingdom	1	-	8.5	1	-	9.9
<u>Bars and sections:</u>							
Hot rolled bars, n.o.p. ....	United States	1,278	104	11.8	2,832	194	13.0
	United Kingdom	217	10	9.7	267	39	13.3
	Belgium	348	-	-	559	-	-
	France	-	-	-	135	-	-
	Japan	110	-	-	144	-	-
	Sweden	-	-	-	75	13	.2
Hot rolled bars for agricultural implements .....	United States	517	72	-	1,078	139	-
Rounds over 4 7/8", squares over 4" ...	United States	53	2	-	168	3	1.0
	United Kingdom	35	1	-	51	6	1.3
Concrete reinforcing bars .....	United Kingdom	50	-	-	50	-	-
	Belgium	125	-	-	156	-	-
	Germany	-	-	-	42	-	-
	Japan	555	-	-	931	-	-

Sash or casement sections .....	United States United Kingdom	212 20	- -	- -	382 25	- -	- -
Cold rolled bars, n.o.p. ....	United States United Kingdom Belgium France Sweden	218 269 439 2 3	7 8 - - -	9.0 4.7 - - -	361 715 439 2 4	26 8 - - -	15.1 9.1 - - -
Cold rolled bars for agricultural implements .....	United States	1	3	-	3	3	-
<hr/>							
Tool steel:							
All forms and sizes .....	United States United Kingdom Austria France Germany Sweden	223 3 2 - - -	145 48 13 7 5 20	- - - - - -	337 20 3 - - 1	287 64 17 23 6 52	- - - - - -
<hr/>							
Structural shapes:							
Wide flange beams .....	United States United Kingdom Belgium France Germany	17,116 6,343 625 22 -	- - - - -	- - - - -	34,022 13,217 746 44 446	- - - - -	- - - - -
Sheet piling .....	United States United Kingdom Belgium Germany	660 - - 166	- - - -	- - - -	681 76 1,974 166	- - - -	- - - -
Structurals, n.o.p. 3" to 6" .....	United States United Kingdom Belgium France Germany	1,092 39 413 22 -	- - - - -	1.9 1.2 - - -	1,948 226 656 32 23	- - - - -	2.0 1.2 - - -

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1960		Two months ended February, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
<u>Structurals shapes (concluded):</u>					
Structurals, n.o.p. over 6" .....	United States	4,748	-	8,713	-
	United Kingdom	201	-	1,028	-
	Belgium	305	-	349	-
	France	93	-	126	-
Bar size structurals, n.o.p. ....	United States	626	7.8	1,208	14.1
	United Kingdom	74	-	212	-
	Belgium	187	-	412	-
	France	13	-	24	-
	Germany	-	-	10	-
	Italy	-	-	121	-
	Japan	35	-	145	-
	Sweden	-	-	-	1.4
Bar size structurals for agricultural implements .....	United States	427	-	825	-
<u>Plates:</u>					
60" and under in width .....	United States	573	15	790	33
	United Kingdom	164	-	334	-
	France	102	-	120	-
	Germany	301	-	331	-
	Japan	1,229	-	1,646	-
	Sweden	-	3.9	-	3.9
Over 60" up to and including 100" in width .....	United States	1,817	31	2,950	36
	United Kingdom	332	-	2,004	-
	Germany	145	-	380	-
	Japan	2,184	-	3,515	-
	Sweden	-	5.1	-	5.1

- 16 -

Over 100" in width .....	United States United Kingdom Germany	261 66 15	- - -	4.1 - -	562 203 15	21 - -	4.1 - -
Flanged or dished .....	United States	248	-	3.1	453	2	17.1
Floor plate .....	United States United Kingdom France Germany Japan	1,514 169 - 24 76	- - - - -	- - - - -	2,701 323 23 24 76	- - - - -	- - - - -

Sheets and strip (except stainless):

Hot rolled-							
Under 12" in width .....	United States United Kingdom Belgium France	891 17 85 -	8 - - -	- - - -	1,731 30 103 67	30 1 - -	- - - -
12" up to but not including 24" in width .....	United States United Kingdom	67 -	12 -	- -	127 4	12 -	- -
24" to 51" in width .....	United States United Kingdom Japan	453 30 435	1 - -	- - -	760 194 545	13 - -	- - -
Over 51" in width .....	United States United Kingdom Japan	1,201 - 16	- - -	- - -	2,579 11 16	- - -	- - -
Cold rolled-							
Under 24" in width .....	United States United Kingdom Sweden	555 12 3	5 - -	- - -	1,026 77 12	11 - -	- - -
24" to 51" in width .....	United States United Kingdom Australia	746 100 44	- - -	- - -	1,359 628 93	- - -	- - -



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1960		Two months ended February, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (concluded)					
Cold rolled - (concluded)					
Over 51" in width	United States	1,494	-	2,579	-
Enamelling grade	United States	1,561	-	2,898	-
	United Kingdom	199	-	326	-
Aluminized	United States	155	-	311	-
Coated (other than metal or asbestos bonded)	United States	735	-	1,732	-
	United Kingdom	3	-	37	-
	Germany	30	-	30	-
Asbestos bonded (includes galvanized and corrugated)	United States	190	-	515	-
	United Kingdom	4	-	29	-
Metal coated, n.o.p.	United States	43	-	88	-
	Germany	4	-	10	-
Electro galvanized	United States	106	-	279	-
Galvanized, n.o.p.	United States	295	14	654	14
	United Kingdom	25	-	96	-
	Japan	-	-	5	-
Electrical (silicon content 2.90 or more)	United States	-	1,933	-	4,196
	United Kingdom	-	-	-	23
	Sweden	-	-	-	1
Electrical, n.o.p.	United States	-	124	-	163

Saw steel .....	United States	38	242	-	56	521	-
	United Kingdom	-	8	-	-	17	-
	Sweden	-	32	-	-	35	-
Hot rolled wasters .....	United States	33	-	-	50	-	-
	United Kingdom	28	-	-	28	-	-
Cold rolled wasters .....	United States	187	-	-	256	-	-
Black plate .....	United States	12	-	-	70	-	-
Tin plate primes .....	United States	148	-	-	192	-	-
	United Kingdom	2	-	-	2	-	-
	Australia	41	-	-	41	-	-
Tin plate electrolytic .....	United States	71	-	-	111	-	-
Tin plate wasters and seconds .....	United States	-	-	-	53	-	-
Terne plate long .....	United States	1,054	-	-	1,817	-	-
	United Kingdom	-	-	-	9	-	-
	Australia	-	-	-	22	-	-
Terne plate short .....	United States	52	-	-	102	-	-
Strip for hoop .....	United States	106	-	-	133	-	-
	United Kingdom	-	-	-	10	-	-
	Japan	6	-	-	6	-	-

Stainless sheets and strip:

Hot rolled-

Under 24" in width 18 gauge  
and heavier .....

United States - - - - .4

24" up to and including 51" in  
width 18 gauge and heavier .....

United States - - - - 32.2  
United Kingdom - - - - 69.2  
Japan - - - - .1  
Sweden - - - - 26.6

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1960		Two months ended February, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Stainless sheets and strip: - (concluded)					
Hot rolled - (concluded)					
24" up to and including 51" in width lighter than 18 gauge .....	United States	-	-	-	12.4
	United Kingdom	-	10.9	-	11.3
	Japan	-	1.0	-	1.0
Over 51" in width 18 gauge and heavier .....	United States	-	8.7	-	11.3
	Sweden	-	12.0	-	12.0
Cold rolled-					
Under 24" in width 18 gauge and heavier .....	United States	-	39.6	-	52.5
	United Kingdom	-	8.7	-	8.7
Under 24" in width lighter than 18 gauge .....	United States	-	83.3	-	197.4
Cold rolled, n.o.p. ....	United States	-	248.3	-	487.7
	United Kingdom	-	61.0	-	66.6
	France	-	28.9	-	28.9
	Japan	-	76.8	-	97.2
Plate, sheet and strip for pipes and tubes:					
Hot rolled-					
15-3/8" and under in width .....	United States	3,088	-	3,385	-
	United Kingdom	578	-	949	-
Hot rolled plate for pipe .....	United States	353	-	353	-
Cold rolled .....	United States	-	-	51	-

Pipes and tubes:

Spiral welded .....

United States	71	-	-	147	-	-
United States	34	-	-	84	-	-
United Kingdom	546	-	-	668	-	-

Cast .....

For pressure parts of boilers -

Seamless hot finished .....

United States	18	5	-	43	53	-
United Kingdom	93	16	-	102	34	-
Germany	-	-	-	9	-	-
Sweden	1	-	-	1	-	-

Seamless cold drawn .....

United States	2	22	-	3	33	.4
United Kingdom	-	-	-	29	-	-

Welded .....

United Kingdom	120	-	-	342	-	-
France	-	-	-	20	-	-

Seamless cold drawn, n.o.p. ....

United States	263	3	12.4	407	23	22.3
United Kingdom	42	-	8.3	97	1	10.2
Sweden	13	-	-	14	1	-

Mechanical tubing .....

United States	911	531	2.8	1,779	998	4.8
United Kingdom	114	26	-	244	41	-
Germany	-	-	-	4	1	-
Netherlands	-	-	-	10	-	-
Sweden	66	30	-	66	79	-

Seamless hot finished, n.o.p.-

Up to and including 6-5/8" O.D. ....

United States	42	11	-	181	19	1.7
United Kingdom	-	44	-	9	157	-
Japan	-	-	-	69	-	-
Sweden	1	-	-	1	-	-

Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....

United States	9	2	-	56	2	-
United Kingdom	-	-	-	4	-	-
Italy	1	-	-	1	-	-



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1960		Two months ended February, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
<b>Pipes and tubes: - (concluded)</b>					
Over 10-1/2" O.D. up to and including 16" O.D. ....	United States Italy	140 2	- -	304 2	6 -
Over 16" O.D. ....	United States	98	-	176	2
Drill pipe .....	United States	190	-	452	-
<b>Welded n.o.p. -</b>					
Up to and including 4-1/2" O.D. ...	United States United Kingdom France Germany Japan Netherlands Norway	196 - 18 114 155 - -	- 8.1 - - - - -	468 48 255 114 169 13 20	- - - - - - -
					14.6 1.0 - - - - -
Over 4-1/2" O.D. up to and including 16" O.D. ....	United States	78	-	123	-
Over 16" O.D. ....	United States United Kingdom	134 4,904	- -	134 8,437	- -
			4.6		11.4
Oil country tubing up to and including 3-1/2" O.D. ....	United States	40	-	120	-
			2.5		2.5
<b>Casing -</b>					
J-55 and H-40 .....	United States United Kingdom France Italy Japan	143 325 819 129 2,921	- - - - -	236 532 819 199 5,935	- - - - -

All other casing .....	United States	403	-	-	538	-	-
	United Kingdom	503	-	-	516	-	-
	France	105	-	-	105	-	-
	Germany	-	-	-	204	-	-
	Japan	157	-	-	157	-	-
<hr/>							
Conduit .....	United States	280	-	-	410	-	-
<hr/>							
Wire products:							
Wire-							
For wire rope .....	United States	106	-	-	137	-	.3
	United Kingdom	829	-	-	1,759	-	-
	Germany	295	-	-	592	-	-
For springs, cushions, etc. ....	United States	19	-	-	20	-	-
For corset clasps, dress stays, etc. ....	United States	3	-	-	9	-	-
	United Kingdom	1	-	-	2	-	-
Coated - (tin, copper, plastic, paper, paint, etc.) .....	United States	13	-	-	47	-	-
	United Kingdom	5	-	-	15	-	.3
	Germany	2	-	-	2	-	-
	Japan	4	-	-	5	-	-
Galvanized fence wire .....	United Kingdom	142	-	-	215	-	-
	France	56	-	-	56	-	-
	Germany	165	-	-	355	-	-
Galvanized, n.o.p. ....	United States	19	-	-	43	-	-
	United Kingdom	38	-	-	119	-	-
	Austria	9	-	-	9	-	-
	France	-	-	-	5	-	-
	Germany	-	-	-	1	-	-
Wire, n.o.p. ....	Japan	39	-	-	39	-	-
	United States	231	5	4.7	381	9	11.3
	United Kingdom	112	-	1.6	276	-	1.6
	Austria	21	-	-	21	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of origin	February, 1960		Two months ended February, 1960			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products: - (concluded)							
Wire - (concluded)							
Wire rope, n.o.p. (concluded) .....							
	Belgium	19	-	-	29	-	-
	France	150	-	-	167	-	-
	Germany	1	-	-	1	-	-
	Japan	49	-	-	71	-	-
	Sweden	20	-	-	20	-	-
Wire rope .....							
	United States	6	-	2.6	44	-	3.0
	United Kingdom	204	-	-	279	-	.2
	Belgium	-	-	-	7	-	-
	Denmark	1	-	-	4	-	-
	France	-	-	-	85	-	-
	Germany	20	-	-	208	-	-
	Japan	96	-	-	104	-	-
	Netherlands	58	-	-	141	-	-
	Norway	-	-	-	2	-	-
	Sweden	-	-	-	15	-	-
Welding rods (cut length) .....							
	United States	147	91	21.3	216	162	39.9
	United Kingdom	79	-	-	111	1	-
	Sweden	55	-	-	55	-	-
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....							
	United States	49	14	2.6	129	37	3.7
	Belgium	-	-	-	14	-	-
	Japan	30	-	-	30	-	-
Wire rods (all sizes) .....							
	United States	86	-	7.7	135	-	10.8
	United Kingdom	12	-	-	24	-	-
	Belgium	-	-	-	251	-	-

Rails and railway material:

	Germany	340	-	-	517	-	-
Rails-							
60 lbs. and under per lineal yard .	United States	-	-	-	3	-	-
	Germany	66	-	-	96	-	-
Over 60 lbs. up to and including							
100 lbs. per lineal yard .....	United States	12	-	-	29	-	-
Over 100 lbs. per lineal yard .....	United States	3	-	-	3	-	-
Track material-							
Fish plates, angle bars, etc. ....	United States	108	-	-	244	-	-
	Germany	3	-	-	14	-	-
Switch points, guard rails etc. ....	United States	32	-	-	39	-	-
Other Railway material-							
Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	67	-	-	89	-	-
Steel wheels .....	United States	60	-	-	68	-	-
	United Kingdom	988	-	-	1,471	-	-
TOTAL IMPORTS .....		81,649	3,729	977.2	153,669	7,795	1,799.9

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steel is generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.



Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	February, 1960	Two months ended February, 1960
		(Tons of 2,000 pounds)	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	.7	.7
Rounds over 4-7/8", Squares over 4" .....	United States	-	6.0
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	597.5	644.7
n.o.p. 3" to 6" .....	United States	12.3	19.6
n.o.p. over 6" .....	United States	70.5	308.2
Bar size, n.o.p. ....	United States	1.2	4.3
<u>Plates:</u>			
60" and under in width .....	United States	79.4	102.5
Over 60" up to and including 100" in width .....	United States	38.4	184.1
	United Kingdom	-	37.9
Over 100" in width .....	United States	7.1	7.1
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
24" to 51" in width .....	United States	88.1	167.3
over 51" in width .....	United States	101.1	272.3
Cold rolled-			
24" to 51" in width .....	United States	70.5	70.5
Over 51" in width .....	United States	11.4	41.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	36.8	37.0
Welded n.o.p. 4-1/2" O.D. and under .....	United States	12.4	26.2
Total High-strength Low Alloy.		1,127.4	1,929.8

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	February, 1960			Two months ended February, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Tons of 2,000 pounds)					
United States .....	49,360	3,461	639.9	91,004	7,175	1,400.4
United Kingdom .....	18,083	161	198.8	36,526	392	223.1
Australia .....	85	-	-	291	-	-
Austria .....	32	13	-	33	17	-
Belgium (1) .....	2,546	-	-	5,695	-	-
Denmark .....	1	-	-	4	-	-
France .....	1,402	7	28.9	2,085	23	28.9
Germany .....	1,691	5	-	3,594	7	-
Italy .....	132	-	-	323	-	-
Japan .....	8,097	-	77.8	13,608	-	98.3
Netherlands .....	58	-	-	164	-	-
Norway .....	-	-	-	22	-	-
Sweden .....	162	82	31.8	264	181	49.2
U.S.S.R. ....	-	-	-	56	-	-
Total .....	81,649	3,729	977.2	153,669	7,795	1,799.9

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	February, 1960	Two months ended February, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	14,325	14,438
Sponge iron and primary iron n.o.p. ....	413	523
Ingots, blooms and billets .....	10,722	20,346
Castings, iron and steel .....	991	1,948
Forgings .....	339	586
Hot rolled bars including fabricated .....	4,025	10,958
Cold rolled bars .....	389	810
Wire rods .....	944	1,810
Plates .....	6,279	13,602
Hot rolled sheets and strips .....	18,173	25,661
Sheets and strips n.o.p. ....	11,936	32,010
Rails .....	405	1,477
Structural shapes .....	723	1,164
Pipes and tubing - Wrought iron .....	110	360
- Cast iron .....	256	256
- Galvanized .....	-	88
- Other .....	3,260	8,783
Total .....	73,290	134,820

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	March, 1960	Three Months Ended March, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	196,828	581,718
(b) From foreign mines .....	142,617	405,290
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	107,963	283,389
(b) From foreign mines .....	91,285	240,828
(c) From own processing .....	161,332	408,408
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	19,842	47,946
Scrap iron and steel .....	11,671	34,955r
Limestone .....	81,869	222,867
Dolomite .....	24,415	72,577
Coke .....	312,508	854,154

\* Does not include charges into furnaces used in the smelting of titanium ores.

r - Revised. February figures should have read 23,284

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, March

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	304,810	5,751	361,812	3,828
Foundry (including silvery pig)** .....	6,880	5,587	19,576	9,594
Malleable .....	38,910	20,082	37,773	21,845
Total pig iron .....	350,600	31,420	419,161	35,267
Ferro-alloys .....	9,254	10,653	13,803	12,974
Stocks of pig iron on hand at end of month.	273,844		278,891	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Three Months Ended March

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Pig iron</u>				
Basic .....	881,198	15,990	1,016,601	13,541
Foundry (including silvery pig)** .....	6,878	15,914	63,997	25,858
Malleable .....	44,450	49,365	70,429	70,326
Total pig iron .....	932,526	81,269	1,151,027	109,725
Ferro-alloys .....	26,378	28,580	35,575	37,545

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of March, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	13	3,908,600	85.8
Banked .....	-	-	-
Blown out .....	2	649,300	14.2
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	March		Three Months Ended March	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
	(Tons of 2,000 pounds)			
Pig iron .....	284,145	355,033	830,420	1,004,430
Scrap - Own make .....	129,238	162,475	341,979	462,861
Purchased .....	108,469	139,741	326,079	443,617
Total pig iron and scrap .....	521,852	657,249	1,498,478	1,910,908

Table 7 - Production and Shipments of Steel Ingots and Castings, March

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic .....	422,503r	124	521,639	18,705
Electric .....	48,015r	4,009	64,283	9,582
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	470,518	4,133	585,922	28,287
Alloy steel ingots included in above ..	27,188	146	24,977	599
<u>Steel castings</u>				
Open hearth - basic .....	1,002	992	238	238
Electric .....	4,632	4,804	9,555	9,802
Other .....	2	2	-	-
Total steel castings .....	5,636	5,798	9,793	10,040
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	144	176	255	284
(b) High alloy, manganese and abrasion resistant .....	1,120	995	2,102	1,959
(c) All other alloys .....	277	245	398	278
Total alloy castings .....	1,541	1,416	2,755	2,521

\* Includes amounts for sale and for own use.      r - Revised.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Three Months Ended March

	1959		1960	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	1,232,626r	542	1,508,628	55,699
Electric .....	126,277r	10,989	184,166	26,616r
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	1,358,903	11,531	1,692,794	82,315r
Alloy steel ingots included in above .....	59,247	146	80,716	3,282
<u>Steel castings</u>				
Open hearth - basic .....	3,203	3,019	1,157	1,788
Electric .....	12,088	11,997	23,378	24,125
Other .....	5	5	-	-
Total steel castings .....	15,296	15,021	24,535	25,913
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	446	493	690	708
(b) High alloy, manganese and abrasion resistant .....	3,506	3,342	5,463	5,138
(c) All other alloys .....	716	705	1,017	887
Total alloy castings .....	4,668	4,540	7,170	6,733

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".  
r Revised.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	March, 1960		Three Months Ended March, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	-	-
(b) All other .....	2	378	71	881
Automotive industries .....	109	9	294	27
Agricultural, including implement and equipment manufacturers .....	84	2	281	4
Machinery and tools .....	1,390	387	3,899	1,174
Mining, Lumbering and quarrying industries ...	874	1,020	2,225	2,658
Oil and gas, including refineries .....	92	26	206	55
National defence .....	6	17	15	51
Public works and public utilities .....	27	32	101	78
Railway operating .....	4,117	276	10,113	702
Railway cars and locomotives .....	532	50	1,081	103
Shipbuilding .....	29	13	120	36
Miscellaneous and unclassified .....	257	311	774	964
Total shipments .....	7,519	2,521	19,180	6,733

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Primary Iron and Steel

- 5 -

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728

1 9 6 0

January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
Total three months .	1,151,027	35,575	1,692,794	24,535	1,717,329



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, March, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	21,621	14,956
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	14,739	9,005
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,610	7,121
Total .....	42,970	31,082
Steel pipe fittings:		
(a) Buttwelding fittings .....	104	89
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	667	607
Total .....	771	696

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Three Months Ended March, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	56,277	40,544
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	43,777	34,168
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	19,417	20,423
Total .....	119,471	95,135
Steel pipe fittings:		
(a) Buttwelding fittings .....	275	310
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	1,631	1,710
Total .....	1,906	2,020

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
March, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	38,536	32,308	32,255	53
(b) For forging and piercing ....	19,540	20,083	-	20,083
Rails .....	25,397	28,140	-	28,140
Wire rods .....	35,005	35,846	326	35,520
Structural shapes:				
(a) Heavy, including piling .....	22,504	18,287	-	18,287
(b) Light .....	6,652	6,989	-	6,989
Concrete reinforcing bars .....	35,754	30,874	-	30,874
Other hot rolled bars .....	39,833	39,419	3,062	36,357
Tie plates and track material:				
(a) Angle bars .....	1,732	1,661	-	1,661
(b) Tie plates .....	6,746	6,564	-	6,564
(c) Track spikes .....	951	1,017	-	1,017
Plates (including plates for pipes and tubes) .....	51,852	50,229	272	49,957
Hot rolled sheets and strip .....	221,315	213,394	147,049	66,345
Total all hot rolled products ..	505,817	484,811	182,964	301,847
<u>Cold rolled and coated</u>				
Cold finished bars .....	3,764	3,662	-	3,662
Cold reduced strip .....	4,762	4,787	-	4,787
Cold reduced sheets, tin mill black plate and tin plate .....	131,291	122,171	50,272	71,899
Galvanized sheets .....	27,510	27,944	-	27,944
Total all cold rolled and coated	167,327	158,564	50,272	108,292
Grand total all carbon products .....	673,144	643,375	233,236	410,139
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	70	70	70	-
(b) For forging and piercing ....	813	813	-	813
Alloy plates .....	26	26	-	26
Other hot rolled bars, including high-speed steel and alloy tool steel .....	7,947	9,200	66	9,134
Structurals .....	-	-	-	-
Cold finished bars .....	613	632	-	632
Wire rods .....	124	188	-	188
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,907	2,811	-	2,811
Total all alloy products .....	12,500	13,740	136	13,604

Table 14 - Production and Disposition of Shipments of Rolled Steel Products,  
Three Months Ended March, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	109,287	96,078	87,097	8,981
(b) For forging and piercing ....	56,700	55,906	-	55,906
Rails .....	70,853	70,120	-	70,120
Wire rods .....	102,802	102,796	1,006	101,790
Structural shapes:				
(a) Heavy, including piling .....	60,476	56,806	-	56,806
(b) Light .....	23,562	22,348	-	22,348
Concrete reinforcing bars .....	78,982	73,561	-	73,561
Other hot rolled bars .....	112,048	111,768	10,290	101,478
Tie plates and track material:				
(a) Angle bars .....	5,431	5,483	-	5,483
(b) Tie plates .....	16,405	16,893	-	16,893
(c) Track spikes .....	2,727	2,629	-	2,629
Plates (including plates for pipes and tubes) .....	152,582	151,855	535	151,320
Hot rolled sheets and strip .....	648,168	632,302	409,639	222,663
Total all hot rolled products ..	1,440,023	1,398,545	508,567	889,978
<u>Cold rolled and coated</u>				
Cold finished bars .....	10,589	10,381	-	10,381
Cold reduced strip .....	16,277	16,110	-	16,110
Cold reduced sheets, tin mill black plate and tin plate .....	381,667	368,226	158,835	209,391
Galvanized sheets .....	75,189	73,698	247	73,451
Total all cold rolled and coated	483,722	468,415	159,082	309,333
Grand total all carbon products .....	1,923,745	1,866,960	667,649	1,199,311
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	168	168	168	-
(b) For forging and piercing ....	2,037	2,051	6	2,045
Alloy plates .....	26	26	-	26
Other hot rolled bars, including high-speed steel and alloy tool steel .....	27,473	27,609	150	27,459
Structurals .....	-	-	-	-
Cold finished bars .....	1,696	1,663	-	1,663
Wire rods .....	323	385	-	385
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	7,109	6,986	-	6,986
Total all alloy products .....	38,832	38,888	324	38,564



Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	March, 1960		Three Months Ended March, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
4 Wholesalers and warehouses .....	56,400	896	167,584	4,412
5 Direct export:				
(a) British Commonwealth .....	29	633	277	1,371
(b) All other .....	7,135	744	44,447	1,651
6 Automotive industries .....	26,553	5,629	88,216	16,549
7 Agricultural, including implement and equipment manufacturers .....	8,773	636	27,560	982
8 Building construction .....	89,692	176	231,503	462
9 Container industry .....	30,465	31	93,783	42
10 Machinery and tools .....	20,770	1,911	54,660	5,167
11 Merchant trade products .....	45,515	1,122	126,199	2,289
12 Mining, lumbering, etc. ....	6,110	1,190	18,046	4,182
13 National defence .....	386	94	1,381	223
14 Pressing, forming and stamping .....	22,971	411	63,405	1,013
15 Public works and utilities .....	3,138	-	9,149	-
16 Railway operating .....	37,721	47	96,729	95
17 Railway cars and locomotives .....	9,585	56	17,234	70
18 Shipbuilding .....	3,190	27	6,361	55
19 Pipes and tubes .....	41,241	1	150,864	1
20 Miscellaneous and unclassified .....	465	-	1,913	-
Net shipments .....	410,139	13,604	1,199,311	38,564

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, March

Programme**	Semi-finished Rails shapes		Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	-	1,017	3,037	2,007	6,518
Export:						
British Empire .....	4	-	-	-	-	-
All Other .....	192	228	803	59	-	-
Automotive .....	2,084	-	1	94	92	-
Agricultural, etc. ....	-	-	48	385	693	2
Building .....	12	238	750	10,822	2,539	19,127
Container .....,.....	-	-	3	-	-	-
Machinery, etc. ....	938	20	47	392	82	302
Merchant trade .....	768	-	32,913	222	277	2,321
Mining, etc. ....	174	337	47	110	34	92
National defence .....	-	-	-	-	-	47
Pressing, etc. ....	12	74	7	113	1,157	10
Public works, etc. ....	-	29	2	4	-	2,364
Railway operating .....	-	27,212	70	298	34	4
Railway cars, etc. ....	1,337	2	-	2,566	51	19
Shipbuilding .....	-	-	-	185	23	-
Pipes and tubes .....	15,360	-	-	-	-	-
Miscellaneous .....	68	-	-	-	-	68
Net shipments .....	20,949	28,140	35,708	18,287	6,989	30,874

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 11 -

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
5,831	4	7,694	11,356	869	251	11,321	7,391	57,296
231	-	-	398	-	-	29	-	662
655	52	1,057	2,739	25	-	2,003	66	7,879
8,162	-	652	12,306	1,502	926	6,103	260	32,182
4,357	-	411	2,320	206	45	834	108	9,409
4,382	24	21,609	7,918	36	523	5,022	16,866	89,868
5	-	14	419	1	27	29,879	148	30,496
5,512	4	6,821	4,327	617	1,217	2,104	298	22,681
7,680	-	35	972	444	82	903	20	46,637
4,240	308	643	467	91	55	702	-	7,300
112	-	151	8	99	63	-	-	480
1,274	-	1,397	6,174	384	710	10,043	2,027	23,382
126	1	535	-	-	-	77	-	3,138
710	8,849	358	219	3	-	8	3	37,768
1,713	-	2,108	1,697	-	-	148	-	9,641
404	-	2,185	249	5	-	6	160	3,217
-	-	4,313	17,587	-	810	2,580	592	41,242
97	-	-	-	12	78	137	5	465
45,491	9,242	49,983	69,156	4,294	4,787	71,899	27,944	423,743

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Three

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	153	2,690	13,260	7,347	15,605
Export:						
British Empire .....	4	-	-	-	-	-
All Other .....	9,516	924	2,197	539	39	6
Automotive .....	4,528	-	1	330	240	12
Agricultural, etc. ....	-	-	173	1,314	1,799	2
Building .....	408	420	2,709	33,377	8,390	44,092
Container .....	-	-	8	-	-	-
Machinery, etc. ....	2,458	20	287	1,432	923	1,113
Merchant trade .....	1,390	-	93,446	403	458	5,112
Mining, etc. ....	341	1,724	195	1,859	264	238
National defence .....	-	-	-	-	-	50
Pressing, etc. ....	12	74	184	285	2,545	141
Public works, etc. ....	-	29	214	55	15	7,085
Railway operating .....	-	66,734	70	620	74	15
Railway cars, etc. ....	3,975	32	-	2,898	194	19
Shipbuilding .....	-	10	1	434	60	-
Pipes and tubes .....	43,618	-	-	-	-	-
Miscellaneous .....	682	-	-	-	-	71
Net shipments .....	66,932	70,120	102,175	56,806	22,348	73,561

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 13 -

Months Ended March, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
19,301	28	27,290	31,189	2,764	1,140	31,096	20,133	171,996
611	-	-	815	40	-	178	-	1,648
3,519	52	11,210	10,036	96	-	7,750	214	46,098
22,801	-	1,609	53,600	3,600	3,066	14,330	648	104,765
11,320	-	1,680	7,827	1,139	240	2,712	336	28,542
13,052	36	54,269	18,454	108	1,478	13,407	41,765	231,965
12	10	14	1,735	2	27	91,468	549	93,825
14,150	6	16,048	10,816	1,628	3,715	6,105	1,126	59,827
21,808	-	93	2,159	1,063	279	2,151	126	128,488
12,576	417	1,951	1,252	194	79	1,120	18	22,228
409	-	852	24	161	83	-	25	1,604
3,107	-	3,521	16,871	1,180	2,021	27,799	6,678	64,418
155	1	556	7	-	955	77	-	9,149
2,246	24,419	1,906	620	33	-	13	74	96,824
3,001	5	4,153	2,618	6	-	380	23	17,304
667	31	4,331	541	8	-	25	308	6,416
-	-	21,793	71,085	-	2,658	10,416	1,295	150,865
202	-	70	-	22	369	364	133	1,913
128,937	25,005	151,346	229,649	12,044	16,110	209,391	73,451	1,237,875

\*\* Abbreviations correspond to headings in Table 15.



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	March, 1960		Three Months Ended March, 1960			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
<u>Pig iron:</u>							
Other .....	United States	58	-	-	173	-	-
	United Kingdom	-	-	-	45	-	-
	Australia	129	-	-	264	-	-
	U.S.S.R.	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	51	14	-	216	42	50.8
Billets, blooms, slabs and sheet bars .	United States	-	33	84.5	81	124	258.3
	United Kingdom	-	-	-	1	-	9.9
- 14 -							
<u>Bars and sections:</u>							
Hot rolled bars, n.o.p. ....	United States	1,521	203	10.9	4,353	397	23.9
	United Kingdom	30	23	7.9	297	62	21.2
	Austria	-	1	-	-	1	-
	Belgium	269	-	-	828	-	-
	France	21	-	-	156	-	-
	Japan	241	-	-	385	-	-
	Sweden	2	-	-	77	13	.2
Hot rolled bars for agricultural implements .....	United States	1,088	47	-	2,166	186	-
Rounds over 4 7/8", squares over 4" ...	United States	82	3	.9	250	6	1.9
	United Kingdom	11	2	-	62	8	1.3
Concrete reinforcing bars .....	United Kingdom	-	-	-	50	-	-
	Belgium	609	-	-	765	-	-
	Germany	-	-	-	42	-	-
	Japan	851	-	-	1,782	-	-

Sash or casement sections .....	United States	235	-	-	617	-	-
	United Kingdom	11	-	-	36	-	-
	Belgium	152	-	-	152	-	-
Cold rolled bars, n.o.p. ....	United States	101	19	15.8	462	45	30.9
	United Kingdom	260	-	2.6	975	8	11.7
	Belgium	9	-	-	448	-	-
	France	-	-	-	2	-	-
	Sweden	2	-	-	6	-	-
Cold rolled bars for agricultural implements .....	United States	112	-	-	115	3	-
Tool steel:							
All forms and sizes .....	United States	356	135	-	693	422	-
	United Kingdom	7	67	-	27	131	-
	Austria	2	11	-	5	28	-
	France	-	41	-	-	64	-
	Germany	-	1	-	-	7	-
	Sweden	-	18	-	1	70	-
Structural shapes:							
Wide flange beams .....	United States	27,714	-	-	61,736	-	-
	United Kingdom	9,441	-	-	22,658	-	-
	Belgium	682	-	-	1,428	-	-
	France	-	-	-	44	-	-
	Germany	203	-	-	649	-	-
Sheet piling .....	United States	876	-	-	1,557	-	-
	United Kingdom	1,273	-	-	1,349	-	-
	Belgium	701	-	-	2,675	-	-
	Germany	5	-	-	171	-	-
Structurals, n.o.p. 3" to 6" .....	United States	1,011	-	4.4	2,959	-	6.4
	United Kingdom	33	-	-	259	-	1.2
	Belgium	646	-	-	1,302	-	-
	France	92	-	-	124	-	-
	Germany	60	-	-	83	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	March, 1960		Three Months Ended March, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Structurals shapes (concluded):					
Structurals, n.o.p. over 6" .....	United States	4,208	-	12,921	-
	United Kingdom	805	-	1,833	-
	Belgium	647	-	996	-
	France	88	-	214	-
Bar size structurals, n.o.p. ....	United States	492	18	17.2	31.3
	United Kingdom	11	-	-	-
	Belgium	207	-	-	-
	France	-	-	-	-
	Germany	79	-	-	-
	Italy	-	-	-	-
	Japan	114	-	-	-
Bar size structurals for agricultural implements .....	Sweden	-	-	2.8	4.2
	United States	296	18	-	-
	Germany	40	-	1,121	18
				40	-
Plates:					
60" and under in width .....	United States	1,234	28	48.0	61
	United Kingdom	385	1	14.4	1
	France	-	-	-	-
	Germany	-	-	-	-
	Japan	645	-	-	-
	Sweden	-	-	5.1	9.0
Over 60" up to and including 100" in width .....	United States	1,964	109	282.0	424.6
	United Kingdom	103	-	-	-
	Germany	162	-	-	-
	Japan	1,663	-	-	-
	Sweden	-	-	5.1	10.2

Over 100" in width .....	United States	840	22	11.8	1,402	43	15.9
	United Kingdom	52	-	-	255	-	-
	Germany	-	-	-	15	-	-
Flanged or dished .....	United States	217	47	11.1	670	49	28.2
Floor plate .....	United States	1,327	-	-	4,028	-	-
	United Kingdom	368	-	-	691	-	-
	France	-	-	-	23	-	-
	Germany	-	-	-	24	-	-
	Japan	54	-	-	130	-	-

Sheets and strip (except stainless):

Hot rolled-							
Under 12" in width .....	United States	875	1	-	2,606	31	-
	United Kingdom	67	-	-	97	1	-
	Belgium	55	-	-	158	-	-
	France	10	-	-	77	-	-
12" up to but not including 24" in width .....	United States	95	1	-	222	13	-
	United Kingdom	-	-	-	4	-	-
24" to 51" in width .....	United States	1,730	268	-	2,490	281	-
	United Kingdom	66	-	-	260	-	-
	Japan	109	-	-	654	-	-
Over 51" in width .....	United States	1,398	-	-	3,977	-	-
	United Kingdom	-	-	-	11	-	-
	Japan	19	-	-	35	-	-
Cold rolled-							
Under 24" in width .....	United States	338	4	-	1,364	15	-
	United Kingdom	45	-	-	122	-	-
	Belgium	1	-	-	1	-	-
	Germany	17	-	-	17	-	-
	Sweden	3	-	-	15	-	-
24" to 51" in width .....	United States	1,042	5	-	2,401	5	-
	United Kingdom	43	-	-	671	-	-
	Australia	29	-	-	122	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	March, 1960		Three Months Ended March, 1960	
		Carbon	Alloy	Stainless Carbon	Alloy Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (concluded)					
Cold rolled - (concluded)					
Over 51" in width .....	United States	1,370	-	-	-
				3,949	-
Enamelling grade .....	United States	1,654	-	-	-
	United Kingdom	130	-	4,552	-
				456	-
Aluminized .....	United States	253	-	-	-
				564	-
Coated (other than metal or asbestos bonded) .....	United States	1,089	-	-	-
	United Kingdom	91	-	2,821	-
	Germany	74	-	128	-
				104	-
Asbestos bonded (includes galvanized and corrugated) .....	United States	435	-	-	-
	United Kingdom	19	-	950	-
				48	-
Metal coated, n.o.p. ....	United States	499	-	-	-
	Germany	19	-	587	-
				29	-
Electro galvanized .....	United States	183	-	-	-
	United Kingdom	2	-	462	-
				2	-
Galvanized, n.o.p. ....	United States	384	-	-	-
	United Kingdom	26	-	1,038	14
	Japan	-	-	122	-
				5	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,995	-	6,191
	United Kingdom	-	-	-	23
	Sweden	-	-	-	1
Electrical, n.o.p. ....	United States	-	161	-	324

Saw steel .....	United States	13	123	-	69	644	-
	United Kingdom	-	15	-	-	32	-
	Sweden	-	13	-	-	48	-
Hot rolled wasters .....	United States	63	-	-	113	-	-
	United Kingdom	-	-	-	28	-	-
Cold rolled wasters .....	United States	88	-	-	344	-	-
	United Kingdom	680	-	-	680	-	-
Black plate .....	United States	8	-	-	78	-	-
Tin plate primes .....	United States	106	-	-	298	-	-
	United Kingdom	-	-	-	2	-	-
	Australia	-	-	-	41	-	-
Tin plate electrolytic .....	United States	74	-	-	185	-	-
	United Kingdom	1,342	-	-	1,342	-	-
Tin plate wasters and seconds .....	United States	47	-	-	100	-	-
Terne plate long .....	United States	855	-	-	2,672	-	-
	United Kingdom	98	-	-	107	-	-
	Australia	-	-	-	22	-	-
Terne plate short .....	United States	41	-	-	143	-	-
Strip for hoop .....	United States	104	-	-	237	-	-
	United Kingdom	17	-	-	27	-	-
	Japan	-	-	-	6	-	-

#### Stainless sheets and strip:

##### Hot rolled-

Under 24" in width 18 gauge  
and heavier .....

United States - 10.2 - - 10.6

Under 24" in width lighter  
than 18 gauge .....

United States - 1.0 - - 1.0

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	March, 1960		Three Months Ended March, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Stainless sheets and strip: - (concluded)					
Hot rolled - (concluded)					
24" up to and including 51" in width 18 gauge and heavier .....	United States	-	8.9	-	41.1
	United Kingdom	-	61.9	-	131.1
	Japan	-	-	-	.1
	Sweden	-	22.7	-	49.3
24" up to and including 51" in width lighter than 18 gauge .....	United States	-	1.1	-	13.5
	United Kingdom	-	13.2	-	24.5
	Japan	-	-	-	1.0
Over 51" in width 18 gauge and heavier .....	United States	-	16.3	-	27.6
	Sweden	-	-	-	12.0
Cold rolled-					
Under 24" in width 18 gauge and heavier .....	United States	-	53.2	-	105.7
	United Kingdom	-	1.0	-	9.7
Under 24" in width lighter than 18 gauge .....	United States	-	120.5	-	317.9
Cold rolled, n.o.p. ....					
	United States	-	225.5	-	713.2
	United Kingdom	-	36.5	-	103.1
	France	-	26.3	-	55.2
	Japan	-	8.5	-	105.7

Plate, sheet and strip for pipes and tubes:

Hot rolled-

15-3/8" and under in width .....

United States	3,271	-	-	6,656	-
United Kingdom	1,952	-	-	2,901	-
Netherlands	167	-	-	167	-

Over 15-3/8" in width .....

United States	648	-	-	648	-
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Hot rolled plate for pipe .....

United States	197	-	-	550	-
France	153	-	-	153	-
Germany	495	-	-	495	-
Japan	100	-	-	100	-

Cold rolled .....

United States	-	-	-	51	-
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Pipes and tubes:

Spiral welded .....

United States	115	-	-	262	-
---------------	-----	---	---	-----	---

Cast .....

United States	13	-	-	97	-
United Kingdom	586	-	-	1,254	-

For pressure parts of boilers -  
Seamless hot finished .....

United States	106	41	11.3	149	94	11.3
United Kingdom	53	-	-	155	34	-
Germany	105	-	-	114	-	-
Sweden	-	-	-	1	-	-

Seamless cold drawn .....

United States	129	-	-	132	33	.4
United Kingdom	2	-	-	31	-	-
France	6	-	-	6	-	-

Welded .....

United Kingdom	175	-	-	517	-	-
France	-	-	-	20	-	-
Switzerland	347	-	-	347	-	-

Seamless cold drawn, n.o.p. ....

United States	183	4	27.1	590	27	49.4
United Kingdom	34	1	12.5	131	2	22.7
Germany	17	-	-	17	-	-
Sweden	2	-	1.4	16	1	1.4



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	March, 1960		Three Months Ended March, 1960		
		Carbon Alloy	Stainless	Carbon Alloy	Stainless	
		(Tons of 2,000 pounds)				
<b>Pipes and tubes: - (concluded)</b>						
Mechanical tubing .....	United States	972	214	16.4	2,751	1,212
	United Kingdom	158	-	-	402	41
	Germany	7	10	-	11	11
	Netherlands	40	-	-	50	-
	Sweden	50	-	-	116	79
<b>Seamless hot finished, n.o.p.-</b>						
Up to and including 6-5/8" O.D. ...	United States	106	6	-	287	25
	United Kingdom	156	51	-	165	208
	Japan	35	-	-	104	-
	Sweden	-	-	-	1	-
<b>Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....</b>						
	United States	9	-	-	65	2
	United Kingdom	1	-	-	5	-
	Italy	-	-	-	1	-
<b>Over 10-1/2" O.D. up to and including 16" O.D. ....</b>						
	United States	62	3	-	366	9
	United Kingdom	61	-	-	61	-
	Italy	-	-	-	2	-
	United States	158	-	-	334	2
<b>Over 16" O.D. ....</b>						
Drill pipe .....	United States	239	-	-	691	-
<b>Welded n.o.p. -</b>						
Up to and including 4-1/2" O.D. ...	United States	211	-	12.6	679	-
	United Kingdom	342	-	-	390	-
	France	-	-	-	255	-
	Germany	149	-	-	263	-
	Japan	165	-	-	334	-
	Netherlands	-	-	-	13	-
	Norway	16	-	-	36	-

Over 4-1/2" O.D. up to and including 16" O.D. ....	United States	72	-	3.0	195	-	14.4
Over 16" O.D. ....	United States United Kingdom	324 4,883	-	-	458 13,320	-	2.5
Oil country tubing up to and including 3-1/2" O.D. ....	United States United Kingdom Japan	372 368 330	-	-	492 368 330	-	-
Casing - J-55 and H-40 ....	United States United Kingdom France Italy Japan	40 1,228 - 119 672	-	-	276 1,760 819 318 6,607	-	-
All other casing ....	United States United Kingdom France Germany Japan	345 767 - - -	-	-	883 1,283 105 204 157	-	-
Conduit ....	United States	65	-	-	475	-	-

- 23 -

# Wire products:

Wire-							
For wire rope .....	United States United Kingdom Germany Japan	21 991 260 7	-	-	158 2,750 852 7	-	.3
For springs, cushions, etc. ....	United States	26	-	-	46	-	-
For corset clasps, dress stays, etc. ....	United States United Kingdom Germany	5 1 1	-	-	14 3 1	-	-

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	March, 1960			Three Months Ended March, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products: - (concluded)							
Wire - (concluded)							
Coated - (tin, copper, plastic, paper, paint, etc.) .....							
	United States	25	1	-	72	1	-
	United Kingdom	15	-	-	30	-	.3
	Germany	62	-	-	64	-	-
	Japan	-	-	-	5	-	-
	United Kingdom	161	-	-	376	-	-
	France	-	-	-	56	-	-
	Germany	88	-	-	443	-	-
	United States	37	-	-	80	-	-
	United Kingdom	146	-	-	265	-	-
	Austria	7	-	-	16	-	-
	Belgium	11	-	-	11	-	-
	France	-	-	-	5	-	-
	Germany	5	-	-	6	-	-
	Japan	65	-	-	104	-	-
	United States	212	6	11.4	593	15	22.7
	United Kingdom	143	-	2.4	419	-	4.0
	Austria	27	-	-	48	-	-
	Belgium	52	-	-	81	-	-
	France	3	-	-	170	-	-
	Germany	17	-	-	18	-	-
	Japan	12	-	-	83	-	-
	Sweden	8	-	-	28	-	-
	United States	5	-	202.9	49	-	205.9
	United Kingdom	264	-	-	543	-	.2
	Belgium	4	-	-	11	-	-
	Denmark	-	-	-	4	-	-
Wire rope .....							

										- 25 -	
Welding rods (cut length) .....	France	89	-	-	174	-	-	-	-	-	-
	Germany	38	-	-	246	-	-	-	-	-	-
	Japan	66	-	-	170	-	-	-	-	-	-
	Netherlands	42	-	-	183	-	-	-	-	-	-
	Norway	-	-	-	2	-	-	-	-	-	-
	Sweden	4	-	-	19	-	-	-	-	-	-
Welding rods (cut length) .....	United States	430	105	21.7	646	267	61.6	-	-	-	-
	United Kingdom	22	-	-	133	1	-	-	-	-	-
	Sweden	-	-	-	55	-	-	-	-	-	-
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	77	8	1.6	206	45	5.3	-	-	-	-
	United Kingdom	1	-	-	1	-	-	-	-	-	-
	Belgium	-	-	-	14	-	-	-	-	-	-
	Japan	78	-	-	108	-	-	-	-	-	-
	United States	15	-	1.1	150	-	11.9	-	-	-	-
Wire rods (all sizes) .....	United Kingdom	112	-	-	136	-	-	-	-	-	-
	Belgium	-	-	-	251	-	-	-	-	-	-
	Germany	347	-	-	864	-	-	-	-	-	-
<hr/>											
Rails and railway material:											
Rails-											
60 lbs. and under per lineal yard .											
	United States	1	-	-	4	-	-	-	-	-	-
	Germany	21	-	-	117	-	-	-	-	-	-
Over 60 lbs. up to and including 100 lbs. per lineal yard .....											
	United States	-	-	-	29	-	-	-	-	-	-
Over 100 lbs. per lineal yard .....											
	United States	-	-	-	3	-	-	-	-	-	-
Track material-											
Fish plates, angle bars, etc. ....											
	United States	35	-	-	279	-	-	-	-	-	-
	Germany	1	-	-	15	-	-	-	-	-	-
Switch points, guard rails etc. ....											
	United States	61	-	-	100	-	-	-	-	-	-



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of Origin	March, 1960		Three Months Ended March, 1960			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Rails and railway material: - (concluded)							
Other Railway material-							
Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	13	-	-	102	-	-
	United Kingdom	12	-	-	12	-	-
Steel wheels .....	United States	50	-	-	118	-	-
	United Kingdom	635	-	-	2,106	-	-
TOTAL IMPORTS .....		106,863	3,897	1,456.7	260,532	11,692	3,256.6

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels is generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	March, 1960	Three Months Ended March, 1960
		(Tons of 2,000 pounds)	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	41.3	42.0
Rounds over 4-7/8"			
Squares over 4" .....	United States	3.0	9.0
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	239.9	884.6
n.o.p. 3" to 6" .....	United States	.7	20.3
n.o.p. over 6" .....	United States	67.1	375.3
Bar size, n.o.p. ....	United States	4.8	9.1
<u>Plates:</u>			
60" and under in width .....	United States	354.8	457.3
Over 60" up to and including 100" in width .....	United States	407.6	591.7
	United Kingdom	-	37.9
Over 100" in width .....	United States	-	7.1
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	10.8	10.8
Over 12" to under 24" in width .....	United States	18.5	18.5
24" to 51" in width .....	United States	214.3	381.6
over 51" in width .....	United States	194.1	466.4
Cold rolled-			
24" to 51" in width .....	United States	7.4	77.9
Over 51" in width .....	United States	-	41.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	16.4	53.4
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		1,580.7	3,510.5

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	March, 1960			Three Months Ended March, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)						
United States .....	65,177	3,642	1,232.4	156,181	10,817	2,632.8
United Kingdom .....	28,685	160	152.4	65,211	552	375.5
Australia .....	158	-	-	449	-	-
Austria .....	36	12	-	69	29	-
Belgium (1) .....	4,045	-	-	9,740	-	-
Denmark .....	-	-	-	4	-	-
France .....	462	41	26.3	2,547	64	55.2
Germany .....	2,272	11	-	5,866	18	-
Italy .....	119	-	-	442	-	-
Japan .....	5,226	-	8.5	18,834	-	106.8
Netherlands .....	249	-	-	413	-	-
Norway .....	16	-	-	38	-	-
Sweden .....	71	31	37.1	335	212	86.3
Switzerland .....	347	-	-	347	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	106,863	3,897	1,456.7	260,532	11,692	3,256.6

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	March, 1960	Three Months Ended March, 1960
(Tons of 2,000 pounds)		
Pig iron .....	10,803	25,241
Sponge iron and primary iron n.o.p. ....	112	457r
Ingots, blooms and billets .....	5,605	25,951
Castings, iron and steel .....	1,088	3,036
Forgings .....	340	926
Hot rolled bars including fabricated .....	1,724	12,682
Cold rolled bars .....	283	1,093
Wire rods .....	358	2,168
Plates .....	3,383	16,985
Hot rolled sheets and strips .....	11,679	37,340
Sheets and strips n.o.p. ....	7,529	39,718r
Rails .....	260	1,737
Structural shapes .....	482	1,646
Pipes and tubing - Wrought iron .....	161	521
- Cast iron .....	44	300
- Galvanized .....	-	88
- Other .....	1,643	10,426
Total .....	45,494	180,315

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.

r - Revised. February figures should have read 345 and 32,189







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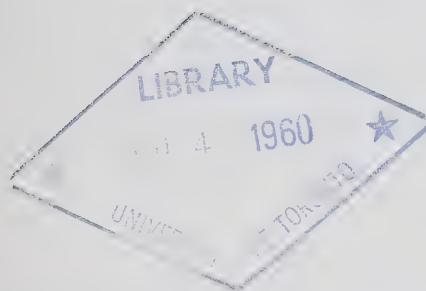
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CANADA

# PRIMARY IRON AND STEEL

APRIL 1960



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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	April, 1960	Four Months Ended April, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	190,593	772,311
(b) From foreign mines .....	116,229	521,519
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	100,515	383,904
(b) From foreign mines .....	87,064	327,892
(c) From own processing .....	156,866	565,274
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	17,375	65,321
Scrap iron and steel .....	9,636	44,591
Limestone .....	74,874	297,741
Dolomite .....	22,148	94,725
Coke .....	293,539	1,147,693

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, April

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	301,888	8,548	334,396	3,529
Foundry (including silvery pig)** .....	13,242	13,944	20,866	22,659
Malleable .....	51,708	54,466	39,856	17,832
Total pig iron .....	366,838	76,958	395,118	44,020
Ferro-alloys .....	11,379	11,615	13,552	11,738
Stocks of pig iron on hand at end of month.	218,597		303,987	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Four Months Ended April

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	1,183,086	24,538	1,350,997	17,070
Foundry (including silvery pig)** .....	20,120	29,858	84,863	48,517
Malleable .....	96,158	103,831	110,285	88,158
Total pig iron .....	1,299,364	158,227	1,546,145	153,745
Ferro-alloys .....	37,757	40,195	49,127	49,283

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of April, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	13	4,248,600	93.2
Banked .....	-	-	-
Blown out .....	2	309,300	6.8
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	April		Four Months Ended April	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
	(Tons of 2,000 pounds)			
Pig iron .....	296,135	322,636	1,126,555	1,327,066
Scrap - Own make .....	131,734	142,959	473,713	605,820
Purchased .....	103,822	99,846	429,901	543,463
Total pig iron and scrap .....	531,695	565,441	2,030,169	2,476,349

Table 7 - Production and Shipments of Steel Ingots and Castings, April

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic .....	438,041r	15,826	450,053	7,548
Electric .....	42,764r	4,119	55,320	6,417
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	480,805	19,945	505,373	13,965
Alloy steel ingots included in above ..	21,473	202	19,796	400
<u>Steel castings</u>				
Open hearth - basic .....	1,849	1,612	184	-
Electric .....	5,230	5,093	10,761	9,267
Other .....	1	1	-	-
Total steel castings .....	7,080	6,706	10,945	9,267
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	171	151	230	233
(b) High alloy, manganese and abrasion resistant .....	1,472	1,358	1,590	1,630
(c) All other alloys .....	315	306	277	256
Total alloy castings .....	1,958	1,815	2,097	2,119

\* Includes amounts for sale and for own use.      r - Revised.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Four Months Ended April

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	1,670,667r	16,368	1,958,681	63,247
Electric .....	169,041r	15,108	239,486	33,033
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	1,839,708	31,476	2,198,167	96,280
Alloy steel ingots included in above .....	80,720	348	100,512	3,682
<u>Steel castings</u>				
Open hearth - basic .....	5,052	4,631	1,341	1,788
Electric .....	17,318	17,090	34,139	33,392
Other .....	6	6	-	-
Total steel castings .....	22,376	21,727	35,480	35,180
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	617	644	920	941
(b) High alloy, manganese and abrasion resistant .....	4,978	4,700	7,053	6,768
(c) All other alloys .....	1,031	1,011	1,294	1,143
Total alloy castings .....	6,626	6,355	9,267	8,852

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth" r Revised.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	April, 1960		Four Months Ended April, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	82	-	82	
(b) All other .....	1	294	72	1,175
Automotive industries .....	157	9	451	36
Agricultural, including implement and equipment manufacturers .....	90	2	371	6
Machinery and tools .....	1,128	343	5,027	1,511
Mining, Lumbering and quarrying industries ...	559	764	2,784	3,422
Oil and gas, including refineries .....	64	34	270	89
National defence .....	5	20	20	77
Public works and public utilities .....	27	66	128	144
Railway operating .....	3,622	180	13,735	888
Railway cars and locomotives .....	1,229	53	2,310	156
Shipbuilding .....	48	4	168	40
Miscellaneous and unclassified .....	136	350	910	1,314
Total shipments .....	7,148	2,119	26,328	8,852

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
Total four months ..	1,546,145	49,127	2,198,167	35,480	2,233,647



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, April, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	12,602	14,656
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	15,959	8,912
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,034	4,877
Total .....	33,595	28,445
Steel pipe fittings:		
(a) Buttwelding fittings .....	98	90
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	478	506
Total .....	576	596

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Four Months Ended April, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	68,879	55,200
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	59,736	43,080
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	24,451	25,300
Total .....	153,066	123,580
Steel pipe fittings:		
(a) Buttwelding fittings .....	373	400
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	2,109	2,216
Total .....	2,482	2,616

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
April, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	30,360	21,060	21,060	-
(b) For forging and piercing ....	24,400	23,219	-	23,219
Rails .....	21,949	18,224	-	18,224
Wire rods .....	38,789	37,363	498	36,865
Structural shapes:				
(a) Heavy, including piling .....	16,425	18,185	-	18,185
(b) Light .....	4,087	4,646	-	4,646
Concrete reinforcing bars .....	28,930	24,885	-	24,885
Other hot rolled bars .....	25,392	26,794	2,622	24,172
Tie plates and track material:				
(a) Angle bars .....	1,369	1,441	-	1,441
(b) Tie plates .....	5,184	5,158	-	5,158
(c) Track spikes .....	976	1,034	-	1,034
Plates (including plates for pipes and tubes) .....	44,280	43,518	-	43,518
Hot rolled sheets and strip .....	183,571	176,439	129,286	47,153
Total all hot rolled products ..	425,712	401,966	153,466	248,500
<u>Cold rolled and coated</u>				
Cold finished bars .....	3,357	3,142	-	3,142
Cold reduced strip .....	4,497	4,493	-	4,493
Cold reduced sheets, tin mill black plate and tin plate .....	114,697	114,557	47,478	67,079
Galvanized sheets .....	25,924	21,463	-	21,463
Total all cold rolled and coated	148,475	143,655	47,478	96,177
Grand total all carbon products .....	574,187	545,621	200,944	344,677
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing ....	356	370	-	370
Alloy plates .....	90	90	-	90
Other hot rolled bars, including high-speed steel and alloy tool steel .....	6,860	6,579	40	6,539
Structurals .....	-	-	-	-
Cold finished bars .....	417	425	-	425
Wire rods .....	198	215	3	212
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,388	2,678	-	2,678
Total all alloy products .....	10,309	10,357	43	10,314

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Four Months Ended April, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	139,647	117,138	108,157	8,981
(b) For forging and piercing ....	81,100	79,125	-	79,125
Rails .....	92,802	88,344	-	88,344
Wire rods .....	141,591	140,159	1,504	138,655
Structural shapes:				
(a) Heavy, including piling .....	76,901	74,991	-	74,991
(b) Light .....	27,649	26,994	-	26,994
Concrete reinforcing bars .....	107,912	98,446	-	98,446
Other hot rolled bars .....	137,440	138,562	12,912	125,650
Tie plates and track material:				
(a) Angle bars .....	6,800	6,924	-	6,924
(b) Tie plates .....	21,589	22,051	-	22,051
(c) Track spikes .....	3,703	3,663	-	3,663
Plates (including plates for pipes and tubes) .....	196,862	195,373	535	194,838
Hot rolled sheets and strip .....	831,739	808,741	538,925	269,816
Total all hot rolled products ..	1,865,735	1,800,511	622,033	1,138,478
<u>Cold rolled and coated</u>				
Cold finished bars .....	13,946	13,523	-	13,523
Cold reduced strip .....	20,774	20,603	-	20,603
Cold reduced sheets, tin mill black plate and tin plate .....	496,364	482,783	206,313	276,470
Galvanized sheets .....	101,113	95,161	247	94,914
Total all cold rolled and coated	632,197	612,070	206,560	405,510
Grand total all carbon products .....	2,497,932	2,412,581	868,593	1,543,988
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	168	168	168	-
(b) For forging and piercing ....	2,393	2,421	6	2,415
Alloy plates .....	116	116	-	116
Other hot rolled bars, including high-speed steel and alloy tool steel .....	34,333	34,188	190	33,998
Structurals .....	-	-	-	-
Cold finished bars .....	2,113	2,088	-	2,088
Wire rods .....	521	600	3	597
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	9,497	9,664	-	9,664
Total all alloy products .....	49,141	49,245	367	48,878

Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	April, 1960		Four Months Ended April, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
4 Wholesalers and warehouses .....	40,550	612	208,134	5,024
5 Direct export:				
(a) British Commonwealth .....	311	860	588	2,231
(b) All other .....	7,066	377	51,513	2,028
6 Automotive industries .....	13,917	2,557	102,133	19,106
7 Agricultural, including implement and equipment manufacturers .....	7,407	233	34,967	1,215
8 Building construction .....	76,424	156	307,927	618
9 Container industry .....	30,905	46	124,688	88
10 Machinery and tools .....	15,103	1,735	69,763	6,902
11 Merchant trade products .....	43,600	809	169,799	3,098
12 Mining, lumbering, etc. ....	5,855	2,538	23,901	6,720
13 National defence .....	252	47	1,633	270
14 Pressing, forming and stamping .....	18,863	312	82,268	1,325
15 Public works and utilities .....	1,383	16	10,532	16
16 Railway operating .....	26,527	-	123,256	95
17 Railway cars and locomotives .....	10,592	16	27,826	86
18 Shipbuilding .....	3,644	-	10,005	55
19 Pipes and tubes .....	41,741	-	192,605	1
20 Miscellaneous and unclassified .....	537	-	2,450	-
Net shipments .....	344,677	10,314	1,543,988	48,878

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, April

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	181	1,145	3,47	961	5,228
Export:						
British Empire .....	-	-	70	-	-	-
All Other .....	29	105	617	57	-	156
Automotive .....	306	-	-	152	76	-
Agricultural, etc. ....	7	-	172	850	515	-
Building .....	1,503	146	1,712	9,746	2,060	16,595
Container .....	-	-	2	-	-	-
Machinery, etc. ....	625	370	313	782	194	131
Merchant trade .....	989	-	32,819	57	11	1,810
Mining, etc. ....	125	692	186	158	96	25
National defence .....	-	-	-	143	-	8
Pressing, etc. ....	-	4	16	101	502	8
Public works, etc. ....	-	140	25	-	-	800
Railway operating .....	9	16,583	-	89	-	-
Railway cars, etc. ....	1,799	-	-	2,282	172	-
Shipbuilding .....	-	3	-	291	59	-
Pipes and tubes .....	18,116	-	-	5	-	-
Miscellaneous .....	81	-	-	-	-	124
Net shipments .....	23,589	18,224	37,077	18,185	4,646	24,885

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 11 -

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
3,640	27	4,452	7,252	898	306	10,121	3,479	41,162
302	-	-	740	5	-	54	-	1,171
290	-	933	3,330	21	-	1,812	93	7,443
2,921	-	287	6,229	940	794	4,413	356	16,474
2,513	-	319	1,672	550	41	801	200	7,640
2,798	2	17,495	5,575	35	357	5,740	12,816	76,580
5	-	-	243	1	-	30,544	156	30,951
3,768	26	3,826	3,389	447	1,006	1,848	113	16,838
6,593	-	19	845	268	59	709	230	44,409
4,994	91	997	566	50	-	327	86	8,393
30	-	3	6	15	94	-	-	299
1,025	-	556	5,138	259	718	8,237	2,611	19,175
165	94	-	3	-	-	172	-	1,399
659	7,390	1,252	466	7	-	72	-	26,527
863	3	3,646	820	1	-	63	959	10,608
106	-	2,753	281	59	-	-	92	3,644
-	-	7,070	13,271	3	995	2,040	241	41,741
39	-	-	5	8	123	126	31	537
30,711	7,633	43,608	49,831	3,567	4,493	67,079	21,463	354,991

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Four

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars  (Tons of
				Heavy, including piling	Light	
Wholesale, etc. ....	-	334	3,835	16,732	8,308	20,833
Export:						
British Empire .....	4	-	70	-	-	-
All Other .....	9,545	1,029	2,814	596	39	162
Automotive .....	4,834	-	1	482	316	12
Agricultural, etc. ....	7	-	345	2,164	2,314	2
Building .....	1,911	566	4,421	43,123	10,450	60,687
Container .....	-	-	10	-	-	-
Machinery, etc. ....	3,083	390	600	2,214	1,117	1,244
Merchant trade .....	2,379	-	126,265	460	469	6,922
Mining, etc. ....	466	2,416	381	2,017	360	263
National defence .....	-	-	-	143	-	58
Pressing, etc. ....	12	78	200	386	3,047	149
Public works, etc. ....	-	169	239	55	15	7,885
Railway operating .....	9	83,317	70	709	74	15
Railway cars, etc. ....	5,774	32	-	5,180	366	19
Shipbuilding .....	-	13	1	725	119	-
Pipes and tubes .....	61,734	-	-	5	-	-
Miscellaneous .....	763	-	-	-	-	195
Net shipments .....	90,521	88,344	139,252	74,991	26,994	98,446

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Months Ended April, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
22,941	55	31,742	38,441	3,662	1,446	41,217	23,612	213,158
913	-	-	1,555	45	-	232	-	2,819
3,809	52	12,143	13,366	117	-	9,562	307	53,541
25,722	-	1,896	59,829	4,540	3,860	18,743	1,004	121,239
13,833	-	1,999	9,499	1,689	281	3,513	536	36,182
15,850	38	71,764	24,029	143	1,835	19,147	54,581	308,545
17	10	14	1,978	3	27	122,012	705	124,776
17,918	32	19,874	14,205	2,075	4,721	7,953	1,239	76,665
28,401	-	112	3,004	1,331	338	2,860	356	172,897
17,570	508	2,948	1,818	244	79	1,447	104	30,621
439	-	855	30	176	177	-	25	1,903
4,132	-	4,077	22,009	1,439	2,739	36,036	9,289	83,593
320	95	556	10	-	955	249	-	10,548
2,905	31,809	3,158	1,086	40	-	85	74	123,351
3,864	8	7,799	3,438	7	-	443	982	27,912
773	31	7,084	822	67	-	25	400	10,060
-	-	28,863	84,356	3	3,653	12,456	1,536	192,606
241	-	70	5	30	492	490	164	2,450
159,648	32,638	194,954	279,480	15,611	20,603	276,470	94,914	1,592,866

\*\* Abbreviations correspond to headings in Table 15.



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	April, 1960				Four Months Ended April, 1960	
		(Tons of 2,000 pounds)		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		Carbon Alloy	Stainless				
<u>Pig iron:</u>							
Other .....	United States	58	-	-	231	-	-
	United Kingdom	-	-	-	45	-	-
	Australia	90	-	-	354	-	-
	U.S.S.R.	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	128	6	-	344	48	50.8
Billets, blooms, slabs and sheet bars .	United States	11	82	22.8	92	206	281.1
	United Kingdom	-	-	3.7	1	-	13.6
							- 14 -
<u>Bars and sections:</u>							
Hot rolled bars, n.o.p. ....	United States	1,468	194	8.1	5,821	591	32.0
	United Kingdom	56	38	14.5	353	100	35.7
	Austria	8	-	-	8	1	-
	Belgium	826	-	-	1,654	-	-
	France	97	-	-	253	-	-
	Germany	44	-	-	44	-	-
	Japan	237	-	-	622	-	-
	Sweden	126	-	.3	203	13	.5
Hot rolled bars for agricultural implements .....	United States	183	47	-	2,349	233	-
Rounds over 4 7/8", squares over 4" ...	United States	50	5	.2	300	11	2.1
	United Kingdom	57	3	-	119	11	1.3
Concrete reinforcing bars .....	United States	60	-	-	60	-	-
	United Kingdom	-	-	-	50	-	-

Belgium	897	-	-	-	1,662	-	-
France	540	-	-	-	540	-	-
Germany	234	-	-	-	276	-	-
Japan	416	-	-	-	2,198	-	-
United States	305	-	-	-	922	-	-
United Kingdom	-	-	-	-	36	-	-
Belgium	59	-	-	-	211	-	-
United States	160	61	13.4	106	622	44.3	
United Kingdom	429	-	3.4	8	1,404	15.1	
Belgium	36	-	-	-	484	-	-
France	-	-	-	-	2	-	-
Sweden	1	-	-	-	7	-	-
United States	25	-	-	3	140	-	-

- 15 -

#### Tool steel:

All forms and sizes .....

United States	434	188	-	1,127	610	-	-
United Kingdom	16	43	-	43	174	-	-
Austria	5	16	-	10	44	-	-
France	-	-	-	-	64	-	-
Germany	-	6	-	-	13	-	-
Sweden	2	19	-	3	89	-	-

#### Structural shapes:

Wide flange beams .....

United States	22,415	-	-	84,151	-	-	-
United Kingdom	7,802	-	-	30,460	-	-	-
Belgium	4,790	-	-	6,218	-	-	-
France	-	-	-	44	-	-	-
Germany	1,339	-	-	1,988	-	-	-
United States	902	-	-	2,459	-	-	-
United Kingdom	-	-	-	1,349	-	-	-
Belgium	1,460	-	-	4,135	-	-	-
Germany	245	-	-	416	-	-	-

Sheet piling .....

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	April, 1960		Four Months Ended April, 1960			
		Carbon	Alloy	Stainless	Carbon Alloy Stainless		
(Tons of 2,000 pounds)							
Structural shapes (concluded):							
Structurals, n.o.p. 3" to 6" .....	United States	1,061	-	1.3	4,020	-	7.7
	United Kingdom	281	-	-	540	-	1.2
	Belgium	2,338	-	-	3,640	-	-
	France	470	-	-	594	-	-
	Germany	-	-	-	83	-	-
	Japan	44	-	-	44	-	-
Structurals, n.o.p. over 6" .....	United States	3,187	-	-	16,108	-	-
	United Kingdom	-	-	-	1,833	-	-
	Belgium	953	-	-	1,949	-	-
	France	596	-	-	810	-	-
Bar size structurals, n.o.p. ....	United States	389	1	12.1	2,089	27	43.4
	United Kingdom	53	-	-	276	-	-
	Belgium	1,076	-	-	1,695	-	-
	France	127	-	-	151	-	-
	Germany	444	-	-	533	-	-
	Italy	-	-	-	121	-	-
	Japan	16	-	-	275	-	-
	Sweden	-	-	5.7	-	-	9.9
Bar size structurals for agricultural implements .....	United States	186	-	-	1,307	18	-
	Germany	-	-	-	40	-	-
Plates:							
60" and under in width .....	United States	949	67	57.5	2,973	128	151.7
	United Kingdom	752	-	36.5	1,471	1	70.1
	Austria	11	-	-	11	-	-
	France	-	-	-	120	-	-
	Germany	708	-	-	1,039	-	-

	Japan	646	-	-	2,937	-	-	21.7
	Sweden	-	-	-	-	-	-	-
Over 60" up to and including 100" in width .....								
	United States	2,096	41	74.1	7,010	186	498.7	
	United Kingdom	1,537	-	3.2	3,644	-	3.2	
	Austria	67	-	-	67	-	-	
	Belgium	24	-	-	24	-	-	
	France	157	-	-	157	-	-	
	Germany	1,646	-	-	2,188	-	-	
	Japan	2,069	-	-	7,247	-	-	
	Sweden	-	-	-	-	-	10.2	
Over 100" in width .....								
	United States	851	7	3.9	2,253	50	19.8	
	United Kingdom	288	-	13.5	543	-	13.5	
	Germany	284	-	-	299	-	-	
Flanged or dished .....								
	United States	313	-	10.8	983	49	39.0	
Floor plate .....								
	United States	1,057	-	2.5	5,085	-	2.5	- 17 -
	United Kingdom	220	-	-	911	-	-	
	France	-	-	-	23	-	-	
	Germany	88	-	-	112	-	-	
	Japan	-	-	-	130	-	-	

Sheets and strip (except stainless):

Hot rolled-								
Under 12" in width .....								
	United States	730	1	-	3,336	32	-	
	United Kingdom	1	1	-	98	2	-	
	Belgium	261	-	-	419	-	-	
	France	28	-	-	105	-	-	
	Japan	48	-	-	48	-	-	
12" up to but not including 24" in width .....								
	United States	194	17	-	416	30	-	
	United Kingdom	-	-	-	4	-	-	
24" to 51" in width .....								
	United States	1,034	20	-	3,524	301	-	
	United Kingdom	77	-	-	337	-	-	
	Japan	338	-	-	992	-	-	



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	April, 1960			Four Months Ended April, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Sheets and strip (except stainless): - (continued)							
Hot rolled - (continued)							
Over 51" in width .....	United States	2,286	-	-	6,263	-	-
	United Kingdom	33	-	-	44	-	-
	Germany	5	-	-	5	-	-
	Japan	33	-	-	68	-	-
Cold rolled-							
Under 24" in width .....	United States	463	34	-	1,827	49	-
	United Kingdom	19	-	-	141	-	-
	Belgium	-	-	-	1	-	-
	Germany	13	-	-	30	-	-
	Sweden	61	1	-	76	1	-
24" to 51" in width .....							
	United States	626	-	-	3,027	5	-
	United Kingdom	60	-	-	731	-	-
	Australia	-	-	-	122	-	-
Over 51" in width .....							
	United States	1,609	-	-	5,558	-	-
	United Kingdom	11	-	-	11	-	-
Enamelling grade .....							
	United States	1,432	-	-	5,984	-	-
	United Kingdom	110	-	-	566	-	-
Aluminized .....							
	United States	195	-	-	759	-	-
Coated (other than metal or asbestos bonded) .....							
	United States	832	-	-	3,653	-	-
	United Kingdom	35	-	-	163	-	-
	Germany	1	-	-	105	-	-

Asbestos bonded (includes galvanized  
and corrugated) .....

United States	267	-	-	1,217	-
United Kingdom	-	-	-	48	-

Metal coated, n.o.p. ....

United States	129	-	-	716	-
Germany	6	-	-	35	-

Electro galvanized .....

United States	172	-	-	634	-
United Kingdom	-	-	-	2	-

Galvanized, n.o.p. ....

United States	512	-	-	1,550	14
United Kingdom	106	-	-	228	-
Germany	9	-	-	9	-
Japan	-	-	-	5	-

Electrical (silicon content 2.90 or  
more) .....

United States	-	1,464	-	-	7,655
United Kingdom	-	38	-	-	61
Sweden	-	-	-	-	1

Electrical, n.o.p. ....

United States	-	74	-	-	398
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Saw steel .....

United States	16	51	-	85	695
United Kingdom	-	-	-	-	32
Germany	-	1	-	-	1
Sweden	-	44	-	-	92

Hot rolled wasters .....

United States	72	-	-	185	-
United Kingdom	-	-	-	28	-

Cold rolled wasters .....

United States	44	-	-	388	-
United Kingdom	-	-	-	680	-

Black plate .....

United States	-	-	-	78	-
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Tin plate primes .....

United States	93	-	-	391	-
United Kingdom	13	-	-	15	-
Australia	-	-	-	41	-

Tin plate electrolytic .....

United States	38	-	-	223	-
United Kingdom	1,256	-	-	2,598	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	April, 1960		Four Months Ended April, 1960			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
<u>Sheets and strip (except stainless): - (concluded)</u>							
Tin plate wasters and seconds .....	United States	-	-	-	100	-	-
Terne plate long .....	United States	540	-	-	3,212	-	-
	United Kingdom	-	-	-	107	-	-
	Australia	-	-	-	22	-	-
Terne plate short .....	United States	62	-	-	205	-	-
	United States	92	-	-	329	-	-
Strip for hoop .....	United Kingdom	-	-	-	27	-	-
	Japan	-	-	-	6	-	-
20							
<u>Stainless sheets and strip:</u>							
Hot rolled-							
Under 24" in width 18 gauge and heavier .....	United States	-	-	-	-	-	10.6
	United Kingdom	-	-	.1	-	-	.1
Under 24" in width lighter than 18 gauge .....	United States	-	-	-	-	-	1.0
	United States	-	-	8.5	-	-	49.6
24" up to and including 51" in width 18 gauge and heavier .....	United Kingdom	-	-	103.2	-	-	234.3
	Japan	-	-	-	-	-	.1
	Sweden	-	-	9.4	-	-	58.7
24" up to and including 51" in width lighter than 18 gauge .....	United States	-	-	2.4	-	-	15.9
	United Kingdom	-	-	30.8	-	-	55.3
	Japan	-	-	-	-	-	1.0

Over 51" in width 18 gauge and heavier .....	United States	-	-	16.9	-	44.5
	Sweden	-	-	5.6	-	17.6
Cold rolled-						
Under 24" in width 18 gauge and heavier .....	United States	-	-	26.7	-	132.4
	United Kingdom	-	-	-	-	9.7
Under 24" in width lighter than 18 gauge .....	United States	-	-	137.1	-	455.0
Cold rolled, n.o.p. ....	United States	-	-	264.3	-	977.5
	United Kingdom	-	-	113.4	-	216.5
	France	-	-	-	-	55.2
	Japan	-	-	14.0	-	119.7
	Sweden	-	-	6.0	-	6.0

Plate, sheet and strip for pipes and tubes:

Hot rolled-						
15-3/8" and under in width .....	United States	4,334	-	-	10,990	-
	United Kingdom	-	-	-	2,901	-
	Netherlands	-	-	-	167	-

Over 15-3/8" in width .....

Over 15-3/8" in width .....	United States	583	-	-	1,231	-
Hot rolled plate for pipe .....	United States	164	-	-	714	-
	France	-	-	-	153	-
	Germany	159	-	-	654	-
	Japan	164	-	-	264	-
Cold rolled .....	United States	-	-	-	51	-

Pipes and tubes:

Spiral welded .....

Spiral welded .....	United States	460	-	-	722	-
Cast .....	United States	35	-	-	132	-
	United Kingdom	2,143	-	-	3,397	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	April, 1960			Four Months Ended April, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
<u>Pipes and tubes: - (continued)</u>							
<u>For pressure parts of boilers -</u>							
Seamless hot finished .....	United States	155	52	-	304	146	11.3
	United Kingdom	25	3	-	180	37	-
	Germany	-	-	-	114	-	-
	Sweden	-	-	-	1	-	-
Seamless cold drawn .....							
	United States	47	2	-	179	35	.4
	United Kingdom	14	18	-	45	18	-
	France	-	-	-	6	-	-
	Germany	14	-	-	14	-	-
Welded .....							
	United States	6	-	-	6	-	-
	United Kingdom	399	-	-	916	-	-
	France	-	-	-	20	-	-
	Germany	89	-	-	89	-	-
	Switzerland	189	-	-	536	-	-
Seamless cold drawn, n.o.p. ....							
	United States	257	1	33.8	847	28	83.2
	United Kingdom	115	-	17.5	246	2	40.2
	Germany	-	-	-	17	-	-
	Sweden	48	-	6.9	64	1	8.3
Mechanical tubing .....							
	United States	1,026	376	4.3	3,777	1,588	25.5
	United Kingdom	75	-	.7	477	41	.7
	France	9	-	-	9	-	-
	Germany	1	24	-	12	35	-
	Netherlands	-	-	-	50	-	-
	Sweden	-	131	-	116	210	-
Seamless hot finished, n.o.p. -							
Up to and including 6-5/8" O.D. ...	United States	71	7	3.2	358	32	4.9
	United Kingdom	20	103	-	185	311	-
	Germany	131	-	-	131	-	-

	Japan	-	-	-	104	-	-
	Sweden	-	-	-	1	-	-
Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....							
	United States	2	-	-	67	2	-
	United Kingdom	-	6	-	5	6	-
	Italy	-	-	-	1	-	-
Over 10-1/2" O.D. up to and including 16" O.D. ....							
	United States	127	-	-	493	9	-
	United Kingdom	14	9	-	75	9	-
	Italy	-	-	-	2	-	-
Over 16" O.D. ....	United States	134	-	-	468	2	-
Drill pipe .....	United States	254	-	-	945	-	-
Welded n.o.p. - Up to and including 4-1/2" O.D. ...							
	United States	76	-	11.2	755	-	38.4
	United Kingdom	233	-	1.5	623	-	2.5
	France	200	-	-	455	-	-
	Germany	686	-	-	949	-	-
	Japan	59	-	-	393	-	-
	Netherlands	52	-	-	65	-	-
	Norway	-	-	-	36	-	-
	Sweden	4	-	-	4	-	-
	Switzerland	1	-	-	1	-	-
Over 4-1/2" O.D. up to and including 16" O.D. ....							
	United States	294	2	5.9	489	2	20.3
	Germany	2	-	-	2	-	-
	Sweden	1	-	-	1	-	-
Over 16" O.D. ....							
	United States	-	-	-	458	-	2.5
	United Kingdom	-	-	-	13,320	-	-
	Germany	-	-	21.3	-	-	21.3
Oil country tubing up to and including 3-1/2" O.D. ....							
	United States	192	-	.1	684	-	.1
	United Kingdom	383	-	-	751	-	-
	Japan	104	-	-	434	-	-

- 24 -

Months Ended  
April, 1960

Wire products:

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For wire rope .....	United States	110	-	-	268	-	3
	United Kingdom	1,146	-	-	3,896	-	-
	Germany	384	-	-	1,236	-	-
	Japan	69	-	-	76	-	-
For springs, cushions, etc. ....	United States	47	-	-	53	-	-
	Japan	44	-	-	44	-	-
For corset clasps, dress stays, etc. ....	United States	4	-	-	18	-	-
	United Kingdom	14	-	-	17	-	-
	Germany	3	-	-	4	-	-

Coated - (tin, copper, plastic,  
paper, paint, etc.) .....

United States	32	-	-	104	1	-
United Kingdom	1	-	-	31	-	.3
Germany	-	-	-	64	-	-
Japan	3	-	-	8	-	-

Galvanized fence wire .....

United States	20	-	-	20	-	-
United Kingdom	125	-	-	501	-	-
France	-	-	-	56	-	-
Germany	111	-	-	554	-	-

Galvanized, n.o.p. ....

United States	11	-	-	91	-	-
United Kingdom	109	-	-	374	-	-
Austria	18	-	-	34	-	-
Belgium	36	-	-	47	-	-
France	-	-	-	5	-	-
Germany	1	-	-	7	-	-
Japan	118	-	-	222	-	-
Netherlands	5	-	-	5	-	-

- 25 -

Wire, n.o.p. ....

United States	188	1	4.5	781	16	27.2
United Kingdom	334	1	.8	753	1	4.8
Austria	95	-	-	143	-	-
Belgium	106	-	-	187	-	-
France	38	-	-	208	-	-
Germany	23	-	-	41	-	-
Japan	72	-	-	155	-	-
Netherlands	21	-	-	21	-	-
Sweden	25	-	-	53	-	-

Wire rope .....

United States	13	-	2.2	62	-	208.1
United Kingdom	424	-	-	967	-	.2
Belgium	12	-	-	23	-	-
Denmark	11	-	-	15	-	-
France	32	-	-	206	-	-
Germany	46	-	-	292	-	-
Japan	97	-	-	267	-	-
Netherlands	46	-	-	229	-	-
Norway	14	-	-	16	-	-
Sweden	-	-	-	19	-	-



## Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of Origin	April, 1960		Four Months Ended April, 1960	
		Carbon	Alloy Stainless	Carbon	Alloy Stainless
<u>Wire products:</u> - (concluded)					
Welding rods (cut length) .....	United States	202	59	848	326
	United Kingdom	28	-	161	1
	Sweden	30	-	85	-
				.8	.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	51	7	257	52
	United Kingdom	4	-	5	-
	Belgium	-	-	14	-
	Japan	55	-	163	-
Wire rods (all sizes) .....	United States	53	-	203	13.2
	United Kingdom	296	-	432	-
	Belgium	-	-	251	-
	France	75	-	75	-
	Germany	357	-	1,221	-
<u>Rails and railway material:</u>					
Rails-					
60 lbs. and under per lineal yard .	United States	28	-	32	-
	Germany	-	-	117	-
Over 60 lbs. up to and including 100 lbs. per lineal yard .....	United States	164	-	193	-
Over 100 lbs. per lineal yard .....	United States	-	-	3	-
Track material-					
Fish plates, angle bars, etc. ....	United States	67	-	346	-
	Germany	-	-	15	-

Switch points, guard rails etc. ....	United States	45	-	-	145	-	-
Other Railway material-							
Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	-	-	-	102	-	-
	United Kingdom	-	-	-	12	-	-
Steel wheels .....	United States	16	-	-	134	-	-
	United Kingdom	1,812	-	-	3,918	-	-
TOTAL IMPORTS .....		109,547	3,372	1,186.6	370,079	15,064	4,443.2

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	April, 1960	Four Months Ended April, 1960
		(Tons of 2,000 pounds)	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	46.1	88.1
Rounds over 4-7/8"			
Squares over 4" .....	United States	2.8	11.8
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	129.4	1,014.0
n.o.p. 3" to 6" .....	United States	7.3	27.6
n.o.p. over 6" .....	United States	39.0	414.3
Bar size, n.o.p. ....	United States	17.4	26.5
<u>Plates:</u>			
60" and under in width .....	United States	147.6	604.9
Over 60" up to and including 100" in width .....	United States	533.4	1,125.1
	United Kingdom	5.7	43.6
Over 100" in width .....	United States	-	7.1
Flanged or dished .....	United States	22.8	22.8
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	-	10.8
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	562.8	944.4
over 51" in width .....	United States	230.7	697.1
	United Kingdom	32.7	32.7
Cold rolled-			
24" to 51" in width .....	United States	30.1	108.0
Over 51" in width .....	United States	-	41.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	53.4
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		1,807.8	5,318.3

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	April, 1960			Four Months Ended April, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)						
United States .....	58,289	2,867	761.1	214,470	13,684	3,393.9
United Kingdom .....	21,476	263	342.8	86,687	815	718.3
Australia .....	90	-	-	539	-	-
Austria .....	204	16	-	273	45	-
Belgium (1) .....	12,874	-	-	22,614	-	-
Denmark .....	11	-	-	15	-	-
France .....	2,789	-	-	5,336	64	55.2
Germany .....	7,073	31	21.3	12,939	49	21.3
Italy .....	-	-	-	442	-	-
Japan .....	6,115	-	14.0	24,949	-	120.8
Netherlands .....	124	-	-	537	-	-
Norway .....	14	-	-	52	-	-
Sweden .....	298	195	47.4	633	407	133.7
Switzerland .....	190	-	-	537	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	109,547	3,372	1,186.6	370,079	15,064	4,443.2

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	April, 1960	Four Months Ended April, 1960
(Tons of 2,000 pounds)		
Pig iron .....	16,809	42,050
Sponge iron and primary iron n.o.p. ....	176	633
Ingots, blooms and billets .....	1,636	27,587
Castings, iron and steel .....	986	4,022
Forgings .....	273	1,199
Hot rolled bars including fabricated .....	933	13,615
Cold rolled bars .....	223	1,316
Wire rods .....	1,921	4,089
Plates .....	887	17,872
Hot rolled sheets and strips .....	2,234	39,574
Sheets and strips n.o.p. ....	5,019	44,737
Rails .....	397	2,134
Structural shapes .....	665	2,311
Pipes and tubing - Wrought iron .....	-	521
- Cast iron .....	-	300
- Galvanized .....	-	88
- Other .....	824	11,250
Total .....	32,983	213,298

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.





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CANADA

# PRIMARY IRON AND STEEL

MAY 1960



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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	May, 1960	Five Months Ended May, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	128,710	901,021
(b) From foreign mines .....	193,707	715,226
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	95,477	479,381
(b) From foreign mines .....	87,583	415,475
(c) From own processing .....	143,693	708,967
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	13,667	78,988
Scrap iron and steel .....	8,091	52,682
Limestone .....	70,226	367,967
Dolomite .....	24,097	118,822
Coke .....	280,842	1,428,535

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, May

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	296,427	2,155	339,427	10,471
Foundry (including silvery pig)** .....	18,835	9,070	24,389	10,349
Malleable .....	56,182	41,545	29,270	30,299
Total pig iron .....	371,444	52,770	393,086	51,119
Ferro-alloys .....	10,461	12,461	13,582	10,645
Stocks of pig iron on hand at end of month.	273,278		331,555	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Five Months Ended May

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Pig iron</u>				
Basic .....	1,479,513	26,693	1,690,424	27,541
Foundry (including silvery pig)** .....	38,955	38,928	109,252	58,866
Malleable .....	152,340	145,376	139,555	118,457
Total pig iron .....	1,670,808	210,997	1,939,231	204,864
Ferro-alloys .....	48,218	52,656	62,709	59,928

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of May, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,854,400	84.6
Banked .....	2	286,000	6.3
Blown out .....	2	417,500	9.1
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	May		Five Months Ended May	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
(Tons of 2,000 pounds)				
Pig iron .....	291,896	311,311	1,418,451	1,638,377
Scrap - Own make .....	147,557	128,773	621,270	734,593
Purchased .....	100,606	104,109	530,507	647,572
Total pig iron and scrap .....	540,059	544,193	2,570,228	3,020,542

Table 7 - Production and Shipments of Steel Ingots and Castings, May

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - Basic .....	440,105 <sup>r</sup>	13,680	430,670	5,354
Electric .....	39,979 <sup>r</sup>	3,902	57,853	7,281
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	480,084	17,582	488,523	12,635
Alloy steel ingots included in above ..	25,100	138	16,992	400
<u>Steel castings</u>				
Open hearth - basic .....	1,534	1,712	142	142
Electric .....	7,768	7,220	9,743	10,111
Other .....	1	1	-	-
Total steel castings .....	9,303	8,933	9,885	10,253
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	150	118	186	232
(b) High alloy, manganese and abrasion resistant .....	1,309	1,393	1,558	1,560
(c) All other alloys .....	347	308	145	308
Total alloy castings .....	1,806	1,819	1,889	2,100

\* Includes amounts for sale and for own use.      r - Revised.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Five Months Ended May

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	2,110,772 <sup>r</sup>	30,048	2,389,351	68,601
Electric .....	209,020 <sup>r</sup>	19,010	297,339	40,314
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	2,319,792	49,058	2,686,690	108,915
Alloy steel ingots included in above .....	105,820	486	117,504	4,082
<u>Steel castings</u>				
Open hearth - basic .....	6,586	6,343	1,483	1,930
Electric .....	25,086	24,310	43,882	43,503
Other .....	7	7	-	-
Total steel castings .....	31,679	30,660	45,365	45,433
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	767	762	1,106	1,173
(b) High alloy, manganese and abrasion resistant .....	6,287	6,093	8,611	8,328
(c) All other alloys .....	1,378	1,319	1,439	1,451
Total alloy castings .....	8,432	8,174	11,156	10,952

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".  
r Revised.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	May, 1960		Five Months Ended May, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	-	123	72	1,298
Automotive industries .....	139	7	590	43
Agricultural, including implement and equipment manufacturers .....	87	1	458	7
Machinery and tools .....	1,216	345	6,243	1,862
Mining, Lumbering and quarrying industries ...	664	935	3,448	4,357
Oil and gas, including refineries .....	105	29	375	118
National defence .....	18	34	38	105
Public works and public utilities .....	44	50	172	194
Railway operating .....	3,553	204	17,288	1,086
Railway cars and locomotives .....	2,022	30	4,332	186
Shipbuilding .....	52	10	220	50
Miscellaneous and unclassified .....	253	332	1,163	1,646
Total shipments .....	8,153	2,100	34,481	10,952

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
			(Tons of 2,000 pounds)		
<u>1 9 5 9</u>					
January.....	299,284	9,200	456,464	4,649	461,113
February.....	282,642	7,924	431,921	5,011	436,932
March.....	350,600	9,254	470,518	5,636	476,154
April.....	366,838	11,379	480,805	7,080	487,885
May.....	371,444	10,461	480,084	9,303	489,387
June.....	351,584	10,512	456,455	11,152	467,607
July.....	352,835	11,390	472,974	9,282	482,256
August.....	359,179	10,854	477,790	9,481	487,271
September.....	362,421	11,627	491,638	11,508	503,146
October.....	360,812	11,469	525,116	11,793	536,909
November.....	353,102	13,578	532,499	10,359	542,858
December.....	371,053	12,057	540,748	9,462	550,210
Total twelve months..	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January.....	374,523	11,707	562,152	7,905	570,057
February.....	357,343	10,065	544,720	6,837	551,557
March.....	419,161	13,803	585,922	9,793	595,715
April.....	395,118	13,552	505,373	10,945	516,318
May.....	393,086	13,582	488,523	9,885	498,408
Total five months....	1,939,231	62,709	2,686,690	45,365	2,732,055



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, May, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing).....	18,619	16,190
(b) Over 4 1/2" outside diameter (including all sizes of casing).....	20,275	15,499
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing).....	6,098	5,775
Total.....	44,992	37,464
Steel pipe fittings:		
(a) Buttwelding fittings.....	114	94
(b) Nipples.....	(1)	(1)
(c) Other, including flanges and flanged fittings.....	424	487
Total.....	538	581

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Five Months Ended May, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside deameter and under (excluding casing).....	87,498	71,390
(b) Over 4 1/2" outside diameter (including all sizes of casing).....	80,011	58,579
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing).....	30,549	31,075
Total.....	198,058	161,044
Steel pipe fittings:		
(a) Buttwelding fittings.....	487	494
(b) Nipples.....	(1)	(1)
(c) Other, including flanges and flanged fittings.....	2,533	2,703
Total.....	3,020	3,197

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
May, 1960

		Production	Total of all shipments	Shipments for further processing	Net Shipments
		(Tons of 2,000 pounds)			
<u>Carbon steel</u>					
<u>Hot rolled</u>					
Semi-finished shapes:					
(a) For re-rolling.....		28,473	32,250	11,577	20,673
(b) For forging and piercing.....		13,642	16,752	-	16,752
Rails.....		23,028	23,286	-	23,286
Wire rods.....		32,065	26,518	80	26,438
Structural shapes:					
(a) Heavy, including piling.....		10,001	12,095	-	12,095
(b) Light.....		4,500	5,385	-	5,385
Concrete reinforcing bars.....		35,399	34,243	-	34,243
Other hot rolled bars.....		27,535	25,614	1,126	24,488
Tie plates and track material:					
(a) Angle bars.....		771	728	-	728
(b) Tie plates.....		4,514	4,284	-	4,284
(c) Track spikes.....		1,103	862	-	862
Plates (including plates for pipes and tubes).....		37,978	40,784	-	40,784
Hot rolled sheets and strip.....		159,035	161,046	106,404	54,642
Total all hot rolled products...		378,044	383,847	119,187	264,660
<u>Cold rolled and coated</u>					
Cold finished bars.....		2,985	2,805	-	2,805
Cold reduced strip.....		4,097	4,165	-	4,165
Cold reduced sheets, tin mill black plate and tin plate.....		118,376	116,326	53,063	63,263
Galvanized sheets.....		29,204	25,634	-	25,634
Total all cold rolled and coated		154,662	148,930	53,063	95,867
Grand total all carbon products.....		532,706	532,777	172,250	360,527
<u>Alloy steel</u>					
Semi-finished shapes:					
(a) For re-rolling.....		28	28	28	-
(b) For forging and piercing.....		309	309	-	309
Alloy plates.....		70	70	-	70
Other hot rolled bars, including high-speed steel and alloy tool steel.....		5,614	5,109	38	5,071
Structurals.....		-	-	-	-
Cold finished bars.....		435	363	-	363
Wire rods.....		119	102	-	102
Hot and cold rolled sheets, silicon sheets and strip and stainless steel.....		2,541	2,393	-	2,393
Total all alloy products.....		9,116	8,374	66	8,308

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Five Months Ended May, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	168,120	149,388	119,734	29,654
(b) For forging and piercing.....	94,742	95,877	-	95,877
Rails.....	115,830	111,630	-	111,630
Wire rods.....	173,656	166,677	1,584	165,093
Structural shapes:				
(a) Heavy, including piling.....	86,902	87,086	-	87,086
(b) Light.....	32,149	32,379	-	32,379
Concrete reinforcing bars.....	143,311	132,689	-	132,689
Other hot rolled bars.....	164,975	164,176	14,038	150,138
Tie plates and track material:				
(a) Angle bars.....	7,571	7,652	-	7,652
(b) Tie plates.....	26,103	26,335	-	26,335
(c) Track spikes.....	4,806	4,525	-	4,525
Plates (including plates for pipes and tubes).....	234,840	236,157	535	235,622
Hot rolled sheets and strip.....	990,774	969,787	645,329	324,458
Total all hot rolled products...	2,243,779	2,184,358	781,220 <sup>R</sup>	1,403,138
<u>Cold rolled and coated</u>				
Cold finished bars.....	16,931	16,328	-	16,328
Cold reduced strip.....	24,871	24,768	-	24,768
Cold reduced sheets, tin mill black plate and tin plate.....	614,740	599,109	259,376	339,733
Galvanized sheets.....	130,317	120,795	247	120,548
Total all cold rolled and coated	786,859	761,000	259,623	501,377
Grand total all carbon products.....	3,030,638	2,945,358	1,040,843	1,904,515
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling.....	196	196	196	-
(b) For forging and piercing.....	2,702	2,730	6	2,724
Alloy plates.....	186	186	-	186
Other hot rolled bars, including high-speed steel and alloy tool steel.....	39,947	39,297	228	39,069
Structurals.....	-	-	-	-
Cold finished bars.....	2,548	2,451	-	2,451
Wire rods.....	640	702	3	699
Hot and cold rolled sheets, silicon sheets and strip and stainless steel.....	12,038	12,057	-	12,057
Total all alloy products.....	58,257	57,619	433	57,186

R - February figure should have read 662,033



Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	May, 1960		Five Months Ended May, 1960	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
4 Wholesalers and warehouses.....	44,339	586	252,473	5,610
5 Direct export:				
(a) British Columbia.....	23,948	630	24,536	2,861
(b) All other.....	14,815	452	66,328	2,480
6 Automotive industries.....	12,220	2,665	114,353	21,771
7 Agricultural, including implement and equipment manufacturers.....	6,328	105	41,295	1,320
8 Building construction.....	77,309	195	385,236	813
9 Container industry.....	29,022	12	153,710	100
10 Machinery and tools.....	16,989	1,450	86,752	8,352
11 Merchant trade products.....	33,746	615	203,545	3,713
12 Mining, lumbering, etc. ....	6,218	1,032	30,119	7,752
13 National defence.....	357	65	1,990	335
14 Pressing, forming and stamping....	17,920	419	100,188	1,744
15 Public works and utilities.....	1,723	-	12,255	16
16 Railway operating.....	28,217	17	151,473	112
17 Railway cars and locomotives.....	5,508	9	33,334	95
18 Shipbuilding.....	3,107	19	13,112	74
19 Pipes and tubes.....	38,488	37	231,093	38
20 Miscellaneous and unclassified....	273	-	2,723	-
Net shipments.....	360,527	8,308	1,904,515	57,186

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, May

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc.	-	61	1,386	2,523	1,307	6,555
Export:						
British Empire .....	20,678	-	2,838	-	-	-
All Other .....	295	336	2	78	-	-
Automotive .....	1,077	6	-	57	97	-
Agricultural, etc. ....	55	-	47	190	514	-
Building .....	26	147	672	6,906	1,594	24,113
Container .....	-	-	1	-	-	-
Machinery, etc. ....	1,120	344	328	668	681	204
Merchant trade .....	604	-	21,132	322	115	1,690
Mining, etc. ....	157	1,244	132	66	8	-
National defence .....	86	-	-	53	-	78
Pressing, etc. ....	-	-	-	22	1,001	20
Public works, etc. ....	-	18	2	-	-	1,583
Railway operating .....	-	21,060	-	24	30	-
Railway cars, etc. ....	2,306	-	-	898	27	-
Shipbuilding .....	6	-	-	288	11	-
Pipes and tubes .....	11,252	70	-	-	-	-
Miscellaneous .....	72	-	-	-	-	-
Net shipments .....	37,734	23,286	26,540	12,095	5,385	34,243

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

-11 -

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
4,324	5	5,516	8,127	881	241	9,086	4,913	44,925
270	-	128	554	21	30	59	-	24,578
275	-	182	11,012	32	-	2,017	1,038	15,267
3,394	-	180	4,973	838	695	3,313	255	14,885
1,996	-	180	2,004	264	36	991	156	6,433
2,734	19	13,618	5,810	12	289	5,030	16,534	77,504
4	-	-	382	1	-	28,451	195	29,034
3,013	11	5,195	3,223	370	926	2,078	278	18,439
7,494	52	85	1,117	295	115	1,258	82	34,361
3,589	17	820	509	45	-	641	22	7,250
48	-	47	18	17	75	-	-	422
989	-	613	5,147	368	540	7,747	1,892	18,339
26	-	21	-	-	40	33	-	1,723
758	5,770	311	110	7	-	7	157	28,234
526	-	1,264	437	-	-	59	-	5,517
73	-	2,704	44	-	-	-	-	3,126
-	-	9,990	13,539	3	1,109	2,479	83	38,525
46	-	-	29	14	69	14	29	273
29,559	5,874	40,854	57,035	3,168	4,165	63,263	25,634	368,835

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Five

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	395	5,221	19,255	9,615	27,388
Export:						
British Empire .....	20,682	-	2,908	-	-	-
All Other .....	9,840	1,365	2,816	674	39	162
Automotive .....	5,911	6	1	539	413	12
Agricultural, etc. ....	62	-	392	2,354	2,828	2
Building .....	1,937	713	5,093	50,029	12,044	84,800
Container .....	-	-	11	-	-	-
Machinery, etc. ....	4,203	734	928	2,882	1,798	1,448
Merchant trade .....	2,983	-	147,397	782	584	8,612
Mining, etc. ....	623	3,660	513	2,083	368	263
National defence .....	86	-	-	196	-	136
Pressing, etc. ....	12	78	200	408	4,048	169
Public works, etc. ....	-	187	241	55	15	9,468
Railway operating .....	9	104,377	70	733	104	15
Railway cars, etc. ....	8,080	32	-	6,078	393	19
Shipbuilding .....	6	13	1	1,013	130	-
Pipes and tubes .....	72,986	70	-	5	-	-
Miscellaneous	835	-	-	-	-	195
Net shipments .....	128,255	111,630	165,792	87,086	32,379	132,689

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 13 -

Months Ended May, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
27,265	60	37,258	46,568	4,543	1,687	50,303	28,525	258,083
1,183	-	128	2,109	66	30	291	-	27,397
4,084	52	12,325	24,378	149	-	11,579	1,345	68,808
29,116	-	2,076	64,802	5,378	4,555	22,056	1,259	136,124
15,829	-	2,179	11,503	1,953	317	4,504	692	42,615
18,584	57	85,382	29,839	155	2,124	24,177	71,115	386,049
21	10	14	2,360	4	27	150,463	900	153,810
20,931	43	25,069	17,428	2,445	5,647	10,031	1,517	95,104
35,895	52	197	4,121	1,626	453	4,118	438	207,258
21,159	525	3,768	2,327	289	79	2,088	126	37,871
487	-	902	48	193	252	-	25	2,325
5,121	-	4,690	27,156	1,807	3,279	43,783	11,181	101,932
346	95	577	10	-	995	282	-	12,271
3,663	37,579	3,469	1,196	47	-	92	231	151,585
4,390	8	9,063	3,875	7	-	502	982	33,429
846	31	9,788	866	67	-	25	400	13,186
-	-	38,853	97,895	6	4,762	14,935	1,619	231,131
287	-	70	34	44	561	504	193	2,723
189,207	38,512	235,808	336,515	18,779	24,768	339,733	120,548	1,961,701

\*\* Abbreviations correspond to headings in Table 15.



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	May, 1960		Five Months Ended May, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
<u>Pig iron:</u>					
Other .....	United States	-	-	231	-
	United Kingdom	-	-	45	-
	Australia	201	-	555	-
	Spain	4,480	-	4,480	-
	U.S.S.R.	-	-	56	-
<u>Ingots and semi-finished:</u>					
Ingots .....	United States	107	93	451	51.7
	United Kingdom	7	-	7	-
	United States	177	110	269	315.9
	United Kingdom	2	-	3	20.1
<u>Bars and sections:</u>					
Hot rolled bars, n.o.p. ....	United States	632	105	6,453	79.1
	United Kingdom	276	116	629	67.6
	Austria	-	-	8	-
	Belgium	3,303	-	4,957	-
	France	623	-	876	-
	Germany	76	-	120	-
	Japan	152	-	774	-
	Sweden	54	-	257	.5
Hot rolled bars for agricultural implements .....	United States	222	10	2,571	243
	United States	172	23	472	34
	United Kingdom	24	2	143	13
	United States	3	-	63	-
	United Kingdom	-	-	50	-

Belgium	1,791	-	-	3,453	-	-
France	64	-	-	604	-	-
Germany	350	-	-	626	-	-
Japan	608	-	-	2,806	-	-
Norway	34	-	-	34	-	-
Sash or casement sections .....						
United States	123	-	-	1,045	-	-
United Kingdom	40	-	-	76	-	-
Belgium	-	-	-	211	-	-
Cold rolled bars, n.o.p. ....						
United States	155	48	20.5	777	154	64.8
United Kingdom	398	4	11.8	1,802	12	26.9
Belgium	37	-	-	521	-	-
France	-	-	-	2	-	-
Germany	5	-	-	5	-	-
Sweden	1	-	-	8	-	-
Cold rolled bars for agricultural implements .....						
United States	1	-	-	141	3	-
Tool steel:						
All forms and sizes .....						
United States	184	108	-	1,311	718	-
United Kingdom	2	25	-	45	199	-
Austria	-	12	-	10	56	-
France	-	58	-	-	122	-
Germany	-	2	-	-	15	-
Sweden	1	14	-	4	103	-
Structural shapes:						
Wide flange beams .....						
United States	24,659	-	-	108,810	-	-
United Kingdom	13,650	-	-	44,110	-	-
Belgium	2,880	-	-	9,098	-	-
France	-	-	-	44	-	-
Germany	118	-	-	2,106	-	-
Sheet piling .....						
United States	665	-	-	3,124	-	-
United Kingdom	682	-	-	2,031	-	-
Belgium	1,381	-	-	5,516	-	-
France	49	-	-	49	-	-
Germany	94	-	-	510	-	-

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	May, 1960		Five Months Ended May, 1960			
		Carbon Alloy	Stainless	Carbon Alloy	Stainless		
(Tons of 2,000 pounds)							
Structural shapes (Concluded):							
Structurals, n.o.p. 3" to 6" .....	United States	847	-	2.9	4,867	-	10.6
	United Kingdom	444	-	-	984	-	1.2
	Belgium	2,552	-	-	6,192	-	-
	France	1,285	-	-	1,879	-	-
	Germany	33	-	-	116	-	-
	Japan	-	-	-	44	-	-
	Norway	14	-	-	14	-	-
Structurals, n.o.p. over 6" .....							
	United States	1,956	-	-	18,064	-	-
	United Kingdom	1,008	-	-	2,841	-	-
	Belgium	2,336	-	-	4,285	-	-
	France	707	-	-	1,517	-	-
Bar size structurals, n.o.p. ....							
	United States	429	-	22.2	2,518	27	65.6
	United Kingdom	54	-	-	330	-	-
	Belgium	2,461	-	-	4,156	-	-
	France	572	-	-	723	-	-
	Germany	241	-	-	774	-	-
	Italy	-	-	-	121	-	-
	Japan	-	-	-	275	-	-
	Norway	18	-	-	18	-	-
	Sweden	-	-	.3	-	-	10.2
Bar size structurals for agricultural implements .....							
	United States	14	-	-	1,321	18	-
	Germany	-	-	-	40	-	-

Plates:

60" and under in width .....

United States	726	51	21.7	3,699	179	173.4
United Kingdom	999	-	54.9	2,470	1	125.0
Austria	-	-	-	11	-	-
Belgium	297	-	-	297	-	-
France	-	-	-	120	-	-
Germany	372	-	-	1,411	-	-

Over 60" up to and including 100" in width .....	Japan	512	-	-	3,449	-	-
	Sweden	-	-	2.8	-	-	24.5
Over 60" up to and including 100" in width .....	United States	2,597	26	38.5	9,607	212	537.2
	United Kingdom	3,122	-	-	6,766	-	3.2
	Austria	-	-	-	67	-	-
	Belgium	819	-	-	843	-	-
	France	-	-	-	157	-	-
	Germany	2,853	-	-	5,041	-	-
	Japan	1,033	-	-	8,280	-	-
	Sweden	-	-	6.3	-	-	16.5
Over 100" in width .....	United States	638	-	1.0	2,891	50	20.8
	United Kingdom	657	-	-	1,200	-	13.5
	Germany	64	-	-	363	-	-
Flanged or dished .....	United States	475	1	6.5	1,458	50	45.5
Floor plate .....	United States	1,859	-	-	6,944	-	2.5
	United Kingdom	301	-	-	1,212	-	-
	Belgium	36	-	-	36	-	-
	France	-	-	-	23	-	-
	Germany	-	-	-	112	-	-
	Japan	-	-	-	130	-	-

- 17 -

Sheets and strip (except stainless):

Hot rolled-	
Under 12" in width .....	
12" up to but not including 24" in width .....	



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	May, 1960		Five Months Ended May, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (continued)					
Hot rolled - (continued)					
24" to 51" in width .....	United States	797	1	4,321	302
	United Kingdom	49	-	386	-
	Germany	11	-	11	-
	Japan	54	-	1,046	-
Over 51" in width .....	United States	2,419	-	8,682	-
	United Kingdom	10	-	54	-
	Germany	20	-	25	-
	Japan	-	-	68	-
Cold rolled-					
Under 24" in width .....	United States	278	4	2,105	53
	United Kingdom	54	-	195	-
	Belgium	66	-	67	-
	Germany	11	-	41	-
	Sweden	3	-	79	1
24" to 51" in width .....	United States	802	-	3,829	5
	United Kingdom	192	-	923	-
	Australia	6	-	128	-
	Japan	72	-	72	-
Over 51" in width .....	United States	1,676	-	7,234	-
	United Kingdom	-	-	11	-
Enamelling grade .....	United States	1,558	-	7,542	-
	United Kingdom	73	-	639	-
Aluminized .....	United States	81	-	840	-
	United Kingdom	5	-	5	-

Coated (other than metal or asbestos bonded).....					980	-	-	4,633	-	-
					69	-	-	232	-	-
					1	-	-	106	-	-
Asbestos bonded (includes galvanized and corrugated) .....					127	-	-	1,344	-	-
					9	-	-	57	-	-
Metal coated, n.o.p. ....					85	-	-	801	-	-
					32	-	-	67	-	-
Electro galvanized .....					81	-	-	715	-	-
					38	-	-	40	-	-
Galvanized, n.o.p. ....					488	-	-	2,038	14	-
					29	-	-	257	-	-
					-	-	-	9	-	-
					-	-	-	5	-	-
Electrical (silicon content 2.90 or more) .....					-	1,264	-	-	8,919	-
					-	53	-	-	114	-
					-	-	-	-	1	-
Electrical, n.o.p. ....					-	5	-	-	403	-
					-	70	-	-	70	-
Saw steel .....					17	96	-	102	791	-
					-	4	-	-	36	-
					-	-	-	-	1	-
					-	46	-	-	138	-
Hot rolled wasters .....					43	-	-	228	-	-
					-	-	-	28	-	-
Cold rolled wasters .....					69	-	-	457	-	-
					-	-	-	680	-	-
Black plate .....					8	-	-	86	-	-

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	May, 1960		Five Months Ended May, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy
		(Tons of 2,000 pounds)				
<u>Sheets and strip (except stainless): - (concluded)</u>						
Tin plate primes .....	United States	115	-	-	506	-
	United Kingdom	-	-	-	15	-
	Australia	-	-	-	41	-
Tin plate electrolytic .....	United States	21	-	-	244	-
	United Kingdom	1,435	-	-	4,033	-
Tin plate wasters and seconds .....	United States	-	-	-	100	-
Terne plate long .....	United States	762	44	-	3,974	44
	United Kingdom	13	-	-	120	-
	Australia	-	-	-	22	-
Terne plate short .....	United States	2	-	-	207	-
Strip for hoop .....	United States	74	-	-	403	-
	United Kingdom	45	-	-	72	-
	Japan	-	-	-	6	-

Stainless sheets and strip:Hot rolled-Under 24" in width 18 gauge  
and heavier .....

United States	-	-	6.2	-	-	16.8
United Kingdom	-	-	-	-	-	.1

Under 24" in width lighter  
than 18 gauge .....

United States	-	-	-	-	-	1.0
United Kingdom	-	-	.3	-	-	.3

24" up to and including 51" in  
width 18 gauge and heavier .....

United States	-	-	13.3	-	-	62.9
United Kingdom	-	-	46.1	-	-	280.4
Japan	-	-	-	-	-	.1
Sweden	-	-	4.6	-	-	63.3

24" up to and including 51" in  
width lighter than 18 gauge .....

United States	-	4.3	-	-	20.2
United Kingdom	-	5.5	-	-	60.8
Japan	-	-	-	-	1.0

Over 51" in width 18 gauge and  
heavier .....

United States	-	2.5	-	-	47.0
Sweden	-	-	-	-	17.6

Over 51" in width lighter than  
18 gauge .....

United States	-	2.0	-	-	2.0
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Cold rolled-

Under 24" in width 18 gauge and  
heavier .....

United States	-	12.8	-	-	145.2
United Kingdom	-	-	-	-	9.7

Under 24" in width lighter than  
18 gauge .....

United States	-	75.3	-	-	530.3
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Cold rolled, n.o.p. ....

United States	-	243.7	-	-	1,221.2
United Kingdom	-	46.1	-	-	262.6
France	-	40.6	-	-	95.8
Japan	-	23.8	-	-	143.5
Sweden	-	-	-	-	6.0

Plate, sheet and strip for pipes and tubes:

Hot rolled-

15-3/8" and under in width .....

United States	516	-	-	11,506	-
United Kingdom	1,543	-	-	4,444	-
Netherlands	-	-	-	167	-

Over 15-3/8" in width .....

United States	-	-	-	1,231	-
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Hot rolled plate for pipe .....

United States	-	-	-	714	-
France	-	-	-	153	-
Germany	-	-	-	654	-
Italy	166	-	-	166	-
Japan	212	-	-	476	-

Cold rolled .....

United States	-	-	-	51	-
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Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	May, 1960	Five Months Ended May, 1960		
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Pipes and tubes:					
Spiral Welded	United States	200	-	922	-
Cast	United States	163	-	295	-
	United Kingdom	2,167	-	5,564	-
For pressure parts of boilers -					
Seamless hot finished	United States	30	63	334	209
	United Kingdom	32	-	212	37
	Germany	-	-	114	-
	Sweden	-	-	1	-
	United States	5	10	184	45
	United Kingdom	36	33	81	51
	France	24	-	30	-
	Germany	-	-	14	-
Seamless cold drawn	United States	1	-	7	-
	United Kingdom	89	-	1,005	-
	France	-	-	20	-
	Germany	-	-	89	-
	Switzerland	92	-	628	-
Seamless cold drawn, n.o.p.	United States	155	4	1,002	32
	United Kingdom	24	-	270	2
	Germany	47	-	64	-
	Sweden	20	-	84	1
Mechanical tubing	United States	1,085	708	4,862	2,296
	United Kingdom	71	37	548	78
	France	2	-	11	-
	Germany	92	-	104	35
	Netherlands	-	-	50	-
	Sweden	20	-	136	210

Seamless hot finished, n.o.p. -									
Up to and including 6-5/8" O.D. ...									
United States	92	24	8.2	450	56	13.1			
United Kingdom	63	99	-	248	410	-			
Germany	-	-	-	131	-	-			
Japan	-	-	-	104	-	-			
Sweden	-	-	-	1	-	-			
Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....									
United States	4	1	-	71	3	-			
United Kingdom	4	-	-	9	6	-			
Italy	-	-	-	1	-	-			
Over 10-1/2" O.D. up to and including 16" O.D. ....									
United States	126	-	-	619	9	-			
United Kingdom	40	35	-	115	44	-			
Italy	-	-	-	2	-	-			
Over 16" O.D. ....									
United States	354	-	-	822	2	-			
Italy	87	-	-	87	-	-			
Drill pipe .....									
United States	151	-	-	1,096	-	-			
Welded n.o.p. -									
Up to and including 4-1/2" O.D. ...									
United States	163	-	12.3	918	-	50.7			
United Kingdom	557	-	.4	1,180	-	2.9			
Belgium	97	-	-	97	-	-			
France	271	-	-	726	-	-			
Germany	548	-	-	1,497	-	-			
Japan	80	-	-	473	-	-			
Netherlands	-	-	-	65	-	-			
Norway	-	-	-	36	-	-			
Sweden	3	-	-	7	-	-			
Switzerland	-	-	-	1	-	-			
Over 4-1/2" O.D. up to and including 16" O.D. ....									
United States	223	-	3.2	712	2	23.5			
Germany	124	-	-	126	-	-			
Sweden	1	-	-	2	-	-			
Over 16" O.D. ....									
United States	162	-	-	620	-	2.5			
United Kingdom	-	-	-	13,320	-	-			
Germany	-	-	-	-	-	21.3			

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	May, 1960		Five Months Ended May, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
<u>Pipes and tubes: - (concluded)</u>					
Oil country tubing up to and including 3-1/2" O.D. ....	United States	246	-	930	1
	United Kingdom	394	-	1,145	-
	France	82	-	82	-
	Italy	414	-	414	-
	Japan	686	-	1,120	-
Casing -					
J-55 and H-40 .....	United States	251	-	774	-
	United Kingdom	129	-	2,315	-
	France	-	-	819	-
	Italy	166	-	484	-
	Japan	1,374	-	9,464	-
All other casing .....	United States	1,117	-	3,033	-
	United Kingdom	-	-	1,407	-
	France	139	-	664	-
	Germany	-	-	204	-
	Japan	106	-	263	-
Conduit .....	United States	55	-	585	-

Wire products:

Wire-

For wire rope .....

United States	49	-	1.5	317	-	1.8
United Kingdom	1,485	-	-	5,381	-	-
Germany	244	-	-	1,480	-	-
Japan	81	-	-	157	-	-

For springs, cushions, etc. ....

United States	20	-	-	73	-	-
United Kingdom	16	-	-	16	-	-
Japan	22	-	-	66	-	-

For corset clasps, dress stays, etc. ....	United States	5	-	-	23	-	-
	United Kingdom	3	-	-	20	-	-
	Germany	-	-	-	4	-	-
Coated - (tin, copper, plastic, paper, paint, etc.) .....	United States	27	-	.1	131	1	.1
	United Kingdom	18	-	-	49	-	.3
	Austria	19	-	-	19	-	-
	Germany	6	-	-	70	-	-
	Japan	-	-	-	8	-	-
Galvanized fence wire .....	United States	-	-	-	20	-	-
	United Kingdom	322	-	-	823	-	-
	France	28	-	-	84	-	-
	Germany	129	-	-	683	-	-
Galvanized, n.o.p. ....	United States	33	-	-	124	-	-
	United Kingdom	213	-	-	587	-	-
	Austria	33	-	-	67	-	-
	Belgium	25	-	-	72	-	-
	France	-	-	-	5	-	-
	Germany	20	-	-	27	-	-
	Japan	60	-	-	282	-	-
	Netherlands	-	-	-	5	-	-
Wire, n.o.p. ....	United States	63	6	10.1	844	22	37.3
	United Kingdom	207	1	1.5	960	2	6.3
	Austria	189	-	-	332	-	-
	Belgium	207	-	-	394	-	-
	France	5	-	-	213	-	-
	Germany	-	-	-	41	-	-
	Japan	90	-	-	245	-	-
	Netherlands	21	-	-	42	-	-
	Sweden	11	-	-	64	-	-
Wire rope .....	United States	6	-	.8	68	-	208.9
	United Kingdom	213	-	-	1,180	-	.2
	Belgium	21	-	-	44	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of Origin	May, 1960		Five Months Ended May, 1960.			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products: - (concluded)							
Wire rope: - (concluded)							
	Denmark	1			16		
	France	23	-	-	229	-	-
	Germany	30	-	-	322	-	-
	Japan	162	-	-	429	-	-
	Netherlands	121	-	-	350	-	-
	Norway	3	-	-	19	-	-
	Sweden	-	-	-	19	-	-
Welding rods (cut length) .....	United States	228	108	33.6	1,076	434	122.0
	United Kingdom	18	8	-	179	9	-
	Australia	1	-	-	1	-	-
	Sweden	31	-	-	116	-	.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	95	9	7.0	352	61	17.5
	United Kingdom	1	-	-	6	-	-
	Belgium	-	-	-	14	-	-
	Japan	55	-	-	218	-	-
Wire rods (all sizes) .....	United States	37	-	-	240	-	13.2
	United Kingdom	227	-	-	659	-	-
	Belgium	16	-	-	267	-	-
	Chile	268	-	-	268	-	-
	France	-	-	-	75	-	-
	Germany	292	-	-	1,513	-	-

# Rails and railway material:

Rails-									
60 lbs. and under per lineal yard...		United States	1	-	-	33	-	-	-
		Belgium	39	-	-	39	-	-	-
		Germany	10	-	-	127	-	-	-
Over 60 lbs. up to and including 100 lbs per lineal yard .....		United States	79	-	-	272	-	-	-
Over 100 lbs. per lineal yard .....		United States	12	-	-	15	-	-	-
Track material-									
Fish plates, angle bars, etc. ....		United States	33	-	-	379	-	-	-
		United Kingdom	1,383	-	-	1,383	-	-	-
		Belgium	2	-	-	2	-	-	-
		Germany	43	-	-	58	-	-	-
Switch points, guard rails etc. ...		United States	1	-	-	146	-	-	-
Other Railway material-									
Axles .....		United States	-	-	-	65	-	-	-
Steel tires .....		United States	30	-	-	132	-	-	-
		United Kingdom	2	-	-	14	-	-	-
Steel wheels .....		United States	38	-	-	172	-	-	-
		United Kingdom	689	-	-	4,607	-	-	-
TOTAL IMPORTS .....			127,494	3,544	979.4	497,573	18,608	5,422.6	

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels are generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	May, 1960	Five Months Ended May, 1960
		(Tons of 2,000 pounds)	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	28.7	116.8
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	11.8
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	157.6	1,171.6
n.o.p. 3" to 6" .....	United States	4.6	32.2
	United Kingdom	50.7	50.7
n.o.p. over 6" .....	United States	7.6	421.9
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	75.5	680.4
Over 60" up to and including			
100" in width .....	United States	379.9	1,505.0
	United Kingdom	-	43.6
Over 100" in width .....	United States	44.9	52.0
Flanged or dished .....	United States	121.4	144.2
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	-	10.8
Over 12" to under 24"			
in width .....	United States	-	18.5
24" to 51" in width .....	United States	104.8	1,049.2
over 51" in width .....	United States	232.0	929.1
	United Kingdom	-	32.7
Cold rolled-			
24" to 51" in width .....	United States	-	108.0
Over 51" in width .....	United States	24.0	65.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	5.0	58.4
Seamless hot finished - over			
10-1/2" and including 16" O.D..	United States	16.5	16.5
Welded n.o.p. 4-1/2" O.D.			
and under .....	United States	-	26.2
Total High-strength Low Alloy .....		1,253.2	6,571.5

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	May, 1960			Five Months Ended May, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Tons of 2,000 pounds)					
United States .....	53,278	2,925	674.9	267,748	16,609	4,068.8
United Kingdom .....	33,660	487	226.1	120,347	1,302	944.4
Australia .....	208	-	-	747	-	-
Austria .....	241	12	-	514	57	-
Belgium (1) .....	18,949	-	-	41,563	-	-
Chile .....	268	-	-	268	-	-
Denmark .....	1	-	-	16	-	-
France .....	3,903	58	40.6	9,239	122	95.8
Germany .....	5,866	2	-	18,805	51	21.3
Italy .....	833	-	-	1,275	-	-
Japan .....	5,359	-	23.8	30,308	-	144.6
Netherlands .....	142	-	-	679	-	-
Norway .....	69	-	-	121	-	-
Spain .....	4,480	-	-	4,480	-	-
Sweden .....	145	60	14.0	778	467	147.7
Switzerland .....	92	-	-	629	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	127,494	3,544	979.4	497,573	18,608	5,422.6

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	May, 1960	Five Months Ended May, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	39,425	81,475
Sponge iron and primary iron n.o.p. ....	195	828
Ingots, blooms and billets .....	1,875	29,462
Castings, iron and steel .....	822	4,844
Forgings .....	321	1,520
Hot rolled bars including fabricated .....	1,072	14,687
Cold rolled bars .....	276	1,592
Wire rods .....	1,135	5,224
Plates .....	527	18,399
Hot rolled sheets and strips .....	4,940	44,514
Sheets and strips n.o.p. ....	4,900	49,637
Rails .....	103	2,237
Structural shapes .....	2,067	4,378
Pipes and tubing - Wrought iron .....	85	606
- Cast iron .....	6	306
- Galvanized .....	-	88
- Other .....	3,793	15,043
Total .....	61,542	274,840

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.





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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	June, 1960	Six Months Ended June, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	105,916	1,006,937
(b) From foreign mines .....	182,568	897,794
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	52,837	537,218
(b) From foreign mines .....	60,619	476,094
(c) From own processing .....	136,845	845,812
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	12,066	91,054
Scrap iron and steel .....	10,181	62,863
Limestone .....	62,347	430,314
Dolomite .....	20,154	138,976
Coke .....	236,541	1,665,076

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, June

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	276,385	11,196	262,581	9,651
Foundry (including silvery pig)**.....	22,095	9,461	21,260	18,214
Malleable .....	53,104	48,609	51,691	53,719
Total pig iron .....	351,584	69,266	335,532	81,584
Ferro-alloys .....	10,512	11,063	12,913	10,366
Stocks of pig iron on hand at end of month.	294,010		332,610	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Six Months Ended June

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig Iron</u>				
Basic .....	1,755,898	37,889	1,953,005	37,192
Foundry (including silvery pig)** .....	61,050	48,389	130,512	77,080
Malleable .....	205,444	193,985	191,246	172,176
Total pig iron .....	2,022,392	280,263	2,274,763	286,448
Ferro-alloys .....	58,730	63,719	75,622	70,294

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of June, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,582,400	78.6
Banked .....	1	217,500	4.8
Blown out .....	3	758,000	16.6
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity (Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	June		Six Months Ended June	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
	(Tons of 2,000 pounds)			
Pig iron .....	280,999	260,931	1,699,450	1,899,308
Scrap - Own make .....	131,616	133,010	752,886	867,603
Purchased .....	101,171	97,551	631,678	745,123
Total pig iron and scrap .....	513,786	491,492	3,084,014	3,512,034

Table 7 - Production and Shipments of Steel Ingots and Castings, June

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Steel Ingots</u>				
Open hearth - Basic .....	409,672	10,945	380,364	6,008
Electric .....	46,783	4,184	53,706	6,755
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	456,455	15,129	434,070	12,763
Alloy steel ingots included in above ..	21,016	130	16,160	934
<u>Steel castings</u>				
Open hearth - basic .....	1,481	1,554	159	159
Electric .....	9,671	9,418	9,194	9,300
Other .....	-	-	-	-
Total steel castings .....	11,152	10,972	9,353	9,459
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	179	183	209	189
(b) High alloy, manganese and abrasion resistant .....	1,594	1,414	1,502	1,622
(c) All other alloys .....	335	291	246	225
Total alloy castings .....	2,108	1,888	1,957	2,036

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Six Months Ended June.

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
<u>Steel ingots</u> (Tons of 2,000 pounds)				
Open hearth - basic .....	2,520,444	40,993	2,769,715	74,609
Electric .....	255,803	23,194	351,045	47,069
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	2,776,247	64,187	3,120,760	121,678
Alloy steel ingots included in above ...	126,836	616	133,664	5,016
<u>Steel castings</u>				
Open hearth - basic .....	8,067	7,897	1,642	2,089
Electric .....	34,757	33,728	53,076	52,803
Other .....	7	7	-	-
Total steel castings .....	42,831	41,632	54,718	54,892
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	946	945	1,315	1,362
(b) High alloy, manganese and abrasion resistant .....	7,881	7,507	10,113	9,950
(c) All other alloys .....	1,713	1,610	1,685	1,676
Total alloy castings .....	10,540	10,062	13,113	12,988

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	June, 1960		Six Months Ended June, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	7	151	79	1,449
Automotive industries .....	139	13	729	56
Agricultural, including implement and equipment manufacturers .....	92	2	550	9
Machinery and tools .....	1,395	184	7,638	2,046
Mining, Lumbering and quarrying industries	713	915	4,161	5,272
Oil and gas, including refineries .....	174	175	549	293
National defence .....	4	20	42	125
Public works and public utilities .....	39	43	211	237
Railway operating .....	3,567	179	20,855	1,265
Railway cars and locomotives .....	965	26	5,297	212
Shipbuilding .....	34	26	254	76
Miscellaneous and unclassified .....	294	302	1,457	1,948
Total shipments .....	7,423	2,036	41,904	12,988

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
			(Tons of 2,000 pounds)		
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
Total six months ...	2,274,763	75,622	3,120,760	54,718	3,175,478



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, June, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	12,893	17,360
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	14,961	16,018
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,628	5,735
Total .....	34,482	39,113
Steel pipe fittings:		
(a) Buttwelding fittings .....	155	182
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	378	426
Total .....	533	608

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Six Months Ended June, 1960\*.

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	100,931	88,750
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	94,972	74,597
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	37,177	36,810
Total .....	232,540	200,157
Steel pipe fittings:		
(a) Buttwelding fittings .....	642	676
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	2,911	3,129
Total .....	3,553	3,805

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
June, 1960.

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	44,951	38,882	10,036	28,846
(b) For forging and piercing ...	16,939	10,254	-	10,254
Rails .....	20,882	23,920	-	23,920
Wire rods .....	29,374	34,066	85	33,981
Structural shapes:				
(a) Heavy, including piling ....	14,082	12,946	-	12,946
(b) Light .....	6,673	5,229	-	5,229
Concrete reinforcing bars .....	31,001	31,179	-	31,179
Other hot rolled bars .....	17,388	22,952	716	22,236
Tie plates and track material:				
(a) Angle bars .....	745	600	-	600
(b) Tie plates .....	1,104	1,314	-	1,314
(c) Track spikes .....	774	739	-	739
Plates (including plates for pipes and tubes) .....	34,173	38,283	-	38,283
Hot rolled sheets and strip .....	161,277	162,449	118,800	43,649
Total all hot rolled products .	379,363	382,813	129,637	253,176
<u>Cold rolled and coated</u>				
Cold finished bars .....	2,261	2,072	-	2,072
Cold reduced strip .....	3,458	3,667	-	3,667
Cold reduced sheets, tin mill black plate and tin plate .....	114,740	120,827	54,817	66,010
Galvanized sheets .....	24,777	27,808	-	27,808
Total all cold rolled and coated	145,236	154,374	54,817	99,557
Grand total all carbon products .....	524,599	537,187	184,454	352,733
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing .....	730	515	-	515
Alloy plates .....	3	3	-	3
Other hot rolled bars, including high-speed steel and alloy tool steel .....	6,243	5,895	40	5,855
Structurals .....	-	-	-	-
Cold finished bars .....	676	511	-	511
Wire rods .....	95	82	-	82
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,698	2,564	-	2,564
Total all alloy products .....	10,445	9,570	40	9,530

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Six Months Ended June, 1960.

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	213,071	188,270	129,770	58,500
(b) For forging and piercing ....	111,681	106,131	-	106,131
Rails .....	136,712	135,550	-	135,550
Wire rods .....	203,030	200,743	1,669	199,074
Structural shapes:				
(a) Heavy, including piling .....	100,984	100,032	-	100,032
(b) Light .....	38,822	37,608	-	37,608
Concrete reinforcing bars .....	174,312	163,868	-	163,868
Other hot rolled bars .....	182,363	187,128	14,754	172,374
Tie plates and track material:				
(a) Angle bars .....	8,316	8,252	-	8,252
(b) Tie plates .....	27,207	27,649	-	27,649
(c) Track spikes .....	5,580	5,264	-	5,264
Plates (including plates for pipes and tubes) .....	269,013	274,440	535	273,905
Hot rolled sheets and strip .....	1,152,051	1,132,236	764,129	368,107
Total all hot rolled products ..	2,623,142	2,567,171	910,857	1,656,314
<u>Cold rolled and coated</u>				
Cold finished bars .....	19,192	18,400	-	18,400
Cold reduced strip .....	28,329	28,435	-	28,435
Cold reduced sheets, tin mill black plate and tin plate .....	729,480	719,936	314,193	405,743
Galvanized sheets .....	155,094	148,603	247	148,356
Total all cold rolled and coated	932,095	915,374	314,440	600,934
Grand total all carbon products .....	3,555,237	3,482,545	1,225,297	2,257,248
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing .....	3,432	3,245	6	3,239
Alloy plates .....	189	189	-	189
Other hot rolled bars, including high-speed steel and alloy tool steel .....	46,190	45,192	268	44,924
Structurals .....	-	-	-	-
Cold finished bars .....	3,224	2,962	-	2,962
Wire rods .....	735	784	3	781
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	14,736	14,621	-	14,621
Total all alloy products .....	68,702	67,189	473	66,716



Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	June, 1960		Six Months Ended June, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
4 Wholesalers and warehouses .....	42,391	782	294,864	6,392
5 Direct export:				
(a) British Columbia .....	19,273	684	43,809	3,545
(b) All other .....	32,241	741	98,569	3,221
6 Automotive industries .....	9,435	3,187	123,788	24,958
7 Agricultural, including implement and equipment manufacturers .....	5,682	118	46,977	1,438
8 Building construction .....	76,405	104	461,641	917
9 Container industry .....	35,622	30	189,332	130
10 Machinery and tools .....	15,307	1,598	102,059	9,950
11 Merchant trade products .....	29,888	764	233,433	4,477
12 Mining, lumbering, etc. ....	6,792	941	36,911	8,693
13 National defence .....	116	68	2,106	403
14 Pressing, forming and stamping .....	14,405	365	114,593	2,109
15 Public works and utilities .....	1,392	-	13,647	16
16 Railway operating .....	26,202	29	177,675	141
17 Railway cars and locomotives .....	4,460	104	37,794	199
18 Shipbuilding .....	3,318	15	16,430	89
19 Pipes and tubes .....	29,374	-	260,467	38
20 Miscellaneous and unclassified .....	430	-	3,153	-
Net shipments .....	352,733	9,530	2,257,248	66,716

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, June

Programme**	Semi-finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars	(Tons of
				Heavy, including piling	Light		
Wholesale, etc.	1	205	1,123	2,896	1,295	6,409	
Export:							
British Empire .....	16,915	-	2,063	-	-	-	
All Other .....	11,940	50	6,648	30	20	-	
Automotive .....	1,380	-	-	19	74	-	
Agricultural, etc. ....	4	-	50	804	394	-	
Building .....	31	232	771	7,231	2,404	22,401	
Container .....	-	-	2	-	-	-	
Machinery, etc. ....	466	134	350	490	110	250	
Merchant trade .....	9	-	22,967	222	212	717	
Mining, etc. ....	268	516	77	209	20	94	
National defence .....	-	-	-	-	-	36	
Pressing, etc. ....	9	-	10	32	640	-	
Public works, etc. ....	-	-	2	-	-	1,272	
Railway operating .....	26	22,717	-	85	4	-	
Railway cars, etc. ....	618	56	-	663	45	-	
Shipbuilding .....	1	10	-	174	10	-	
Pipes and tubes .....	7,880	-	-	-	-	-	
Miscellaneous .....	67	-	-	91	1	-	
Net shipments .....	39,615	23,920	34,063	12,946	5,229	31,179	

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 11 -

1960

Other hot rolled bars	Tie plates and track material	including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
4,253	26	5,703	6,594	768	252	7,518	6,130	43,173
261	-	-	594	2	-	102	20	19,957
413	1	96	8,596	4	-	3,077	2,107	32,982
3,858	-	154	3,818	439	606	1,956	318	12,622
1,683	-	234	1,444	298	39	700	150	5,800
2,634	2	13,451	5,622	29	307	4,953	16,441	76,509
4	-	-	327	1	-	35,158	160	35,652
3,476	10	5,670	2,358	424	928	1,832	407	16,905
4,721	-	96	855	300	41	449	63	30,652
4,235	61	1,044	491	64	-	583	71	7,733
43	-	36	10	14	45	-	-	184
930	-	521	3,854	221	480	6,567	1,506	14,770
68	-	-	-	-	-	50	-	1,392
370	2,553	70	266	12	-	6	122	26,231
937	-	1,646	502	-	-	54	43	4,564
147	-	2,964	23	4	-	-	-	3,333
-	-	6,601	10,839	-	873	2,949	232	29,374
58	-	-	20	3	96	56	38	430
28,091	2,653	38,286	46,213	2,583	3,667	66,010	27,808	362,263

\*\* Abbreviations correspond to headings in Table 15.

Table 1/ - Disposition of Shipments\* of Rolled Steel Products, by Product, Six

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	1	600	6,344	22,151	10,910	33,797
Export:						
British Empire .....	37,597	-	4,971	-	-	-
All Other .....	21,780	1,415	9,464	704	59	162
Automotive .....	7,291	6	1	558	487	12
Agricultural, etc. ....	66	-	442	3,158	3,222	2
Building .....	1,968	945	5,864	57,260	14,448	107,201
Container .....	-	-	13	-	-	-
Machinery, etc. ....	4,669	868	1,278	3,372	1,908	1,698
Merchant trade .....	2,992	-	170,364	1,004	796	9,329
Mining, etc. ....	891	4,176	590	2,292	388	357
National defence .....	86	-	-	196	-	172
Pressing, etc. ....	21	78	210	440	4,688	169
Public works, etc. ....	-	187	243	55	15	10,740
Railway operating .....	35	127,094	70	818	108	15
Railway cars, etc. ....	8,698	88	-	6,741	438	19
Shipbuilding .....	7	23	1	1,187	140	-
Pipes and tubes .....	80,866	70	-	5	-	-
Miscellaneous	902	-	-	91	1	195
Net shipments .....	167,870	135,550	199,855	100,032	37,608	163,868

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 13 -

Months Ended June, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
31,518	86	42,961	53,162	5,311	1,939	57,821	34,655	301,256
1,444	-	128	2,703	68	30	393	20	47,354
4,497	53	12,421	32,974	153	-	14,656	3,452	101,790
32,974	-	2,230	68,620	5,817	5,161	24,012	1,577	148,746
17,512	-	2,413	12,947	2,251	356	5,204	842	48,415
21,218	59	98,833	35,461	184	2,431	29,130	87,556	462,558
25	10	14	2,687	5	27	185,621	1,060	189,462
24,407	53	30,739	19,786	2,869	6,575	11,863	1,924	112,009
40,616	52	293	4,976	1,926	494	4,567	501	237,910
25,394	586	4,812	2,818	353	79	2,671	197	45,604
530	-	938	58	207	297	-	25	2,509
6,051	-	5,211	31,010	2,028	3,759	50,350	12,687	116,702
414	95	577	10	-	995	332	-	13,663
4,033	40,132	3,539	1,462	59	-	98	353	177,816
5,327	8	10,709	4,377	7	-	556	1,025	37,993
993	31	12,752	889	71	-	25	400	16,519
-	-	45,454	108,734	6	5,635	17,884	1,851	260,505
345	-	70	54	47	657	560	231	3,153
217,298	41,165	274,094	382,728	21,362	28,435	405,743	148,356	2,323,964

\*\* Abbreviations correspond to headings in Table 15.



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	June, 1960				Six Months Ended June, 1960	
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy Stainless
<u>Pig iron:</u>							
Other .....	United States	57	-	-		288	-
	United Kingdom	-	-	-		45	-
	Australia	-	-	-		555	-
	Spain	-	-	-		4,480	-
	U.S.S.R.	-	-	-		56	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	28	7.9		451	169 59.6
	United Kingdom	-	-	-		7	-
Billets, blooms, slabs and sheet bars	United States	28	43	64.2		297	359 380.1
	United Kingdom	-	-	-		3	- 20.1
<u>Bars and sections:</u>							
Hot rolled bars, n.o.p. ....	United States	906	278	5.3		7,359	974 84.4
	United Kingdom	174	114	12.4		803	330 80.0
	Austria	-	-	-		8	1 -
	Belgium	966	-	-		5,923	- -
	France	194	-	-		1,070	- -
	Germany	125	-	-		245	- -
	Japan	107	-	-		881	- -
	Sweden	-	-	-		257	13 .5
Hot rolled bars for agricultural implements .....	United States	288	9	-		2,859	252 -
Rounds over 4 7/8", squares over 4" .	United States	270	2	-		742	36 2.8
	United Kingdom	17	7	1.4		160	20 4.2
Concrete reinforcing bars .....	United States	24	-	-		87	- -
	United Kingdom	-	-	-		50	- -
	Belgium	2,612	-	-		6,065	- -
	France	821	-	-		1,425	- -

- 14 -

										- 15 -
Germany	203	-	-	829	-	-	-	-	-	
Japan	1,215	-	-	4,021	-	-	-	-	-	
Norway	-	-	-	34	-	-	-	-	-	
Sash or casement sections .....										
United States	219	-	-	1,264	-	-	-	-	-	
United Kingdom	2	-	-	78	-	-	-	-	-	
Belgium	-	-	-	211	-	-	-	-	-	
Cold rolled bars, n.o.p. ....										
United States	150	18	11.4	927	172	76.2				
United Kingdom	375	-	8.3	2,177	12	35.2				
Austria	-	2	-	-	2	-				
Belgium	10	-	-	531	-	-				
France	-	-	-	2	-	-				
Germany	17	-	-	22	-	-				
Sweden	1	-	-	9	-	-				
United States	27	-	-	168	3	-				
Cold rolled bars for agricultural implements .....										
<u>Tool steel:</u>										
<u>All forms and sizes .....</u>										
United States	187	66	-	1,498	784	-				
United Kingdom	6	20	-	51	219	-				
Austria	-	7	-	10	63	-				
France	-	-	-	-	122	-				
Germany	-	10	-	-	25	-				
Sweden	1	15	-	5	118	-				
<u>Structural shapes:</u>										
<u>Wide flange beams .....</u>										
United States	15,241	-	-	124,051	-	-				
United Kingdom	5,672	-	-	49,782	-	-				
Belgium	1,595	-	-	10,693	-	-				
France	45	-	-	89	-	-				
Germany	10	-	-	2,116	-	-				
Sheet piling .....										
United States	3,234	-	-	6,358	-	-				
United Kingdom	1,335	-	-	3,366	-	-				
Belgium	1,260	-	-	6,776	-	-				
France	-	-	-	49	-	-				
Germany	314	-	-	824	-	-				

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	June, 1960		Six Months Ended June, 1960	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
Structural shapes (Concluded):					
Structurals, n.o.p. 3" to 6" .....	United States	616	-	5,483	13.5
	United Kingdom	154	-	1,138	1.2
	Belgium	1,633	-	7,825	-
	France	413	-	2,292	-
	Germany	130	-	246	-
	Japan	21	-	65	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....	United States	1,310	-	19,374	-
	United Kingdom	740	-	3,581	-
	Belgium	1,766	-	6,051	-
	France	561	-	2,078	-
Bar size structurals, n.o.p. ....	United States	327	-	2,845	27
	United Kingdom	3	-	333	82.3
	Belgium	2,526	-	6,682	1.0
	France	386	-	1,109	-
	Germany	131	-	905	-
	Italy	-	-	121	-
	Japan	60	-	335	-
	Norway	-	-	18	-
	Sweden	-	-	-	10.2
Bar size structurals for agricultural implements .....	United States	36	-	1,357	18
	Germany	-	-	40	-
Plates:					
60" and under in width .....	United States	652	29	4,351	208
	United Kingdom	207	-	2,677	1
	Austria	-	-	11	-
	Belgium	473	-	770	-
	France	-	-	120	-
	Germany	288	-	1,699	-

Japan	1,040	-	-	4,489	-	-	27.1
Sweden	-	-	2.6	-	-	-	-
United States	1,296	33	21.3	10,903	245	558.5	3.2
United Kingdom	400	-	-	7,166	-	67	-
Austria	-	-	-	976	-	321	-
Belgium	133	-	-	321	-	5,904	-
France	164	-	-	10,042	-	16.5	-
Germany	863	-	-	-	-	-	-
Japan	1,762	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-
United States	300	36	.8	3,191	86	21.6	13.5
United Kingdom	61	-	-	1,261	-	-	-
Germany	391	-	-	754	-	-	-
United States	443	8	.7	1,901	58	46.2	-
United States	773	-	-	7,717	-	2.5	-
United Kingdom	277	-	-	1,489	-	-	-
Belgium	-	-	-	36	-	-	-
France	5	-	-	28	-	-	-
Germany	-	-	-	112	-	-	-
Japan	-	-	-	130	-	-	-

Sheets and strip (except stainless):

Hot rolled-

Under 12" in width .....

United States	301	11	-	3,919	46	-	-
United Kingdom	106	-	-	231	2	-	-
Belgium	153	-	-	1,155	-	-	-
France	93	-	-	227	-	-	-
Japan	-	-	-	48	-	-	-

12" up to but not including 24"  
in width .....

United States	24	-	-	456	30	-	-
United Kingdom	-	-	-	4	-	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1960		Six Months Ended June, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
Sheets and strip (except stainless): - (Continued)					
Hot rolled - (continued)					
24" to 51" in width .....	United States	376	1	4,697	303
	United Kingdom	138	-	524	-
	France	42	-	42	-
	Germany	-	-	11	-
	Japan	205	-	1,251	-
Over 51" in width .....	United States	1,297	-	9,979	-
	United Kingdom	-	-	54	-
	Belgium	41	-	41	-
	Germany	8	-	33	-
	Japan	-	-	68	-
Cold rolled-					
Under 24" in width .....	United States	334	2	2,439	55
	United Kingdom	43	-	238	-
	Belgium	10	-	77	-
	Germany	1	-	42	-
	Sweden	1	-	80	1
24" to 51" in width .....	United States	680	-	4,509	5
	United Kingdom	187	-	1,110	-
	Australia	-	-	128	-
	Japan	-	-	72	-
Over 51" in width .....	United States	1,068	-	8,302	-
	United Kingdom	-	-	11	-
Enamelling grade .....	United States	786	-	8,328	-
	United Kingdom	-	-	639	-
Aluminized .....	United States	94	-	934	-
	United Kingdom	-	-	5	-

Coated (other than metal or asbestos bonded) .....	United States	843	-	-	5,476	-	-
	United Kingdom	27	-	-	259	-	-
	Germany	-	-	-	106	-	-
Asbestos bonded (includes galvanized and corrugated) ....	United States	110	-	-	1,454	-	-
	United Kingdom	110	-	-	167	-	-
Metal coated, n.o.p. ....	United States	33	-	-	834	-	-
	Germany	13	-	-	80	-	-
Electro galvanized .....	United States	163	-	-	878	-	-
	United Kingdom	5	-	-	45	-	-
Galvanized, n.o.p. ....	United States	195	-	-	2,233	14	-
	United Kingdom	6	-	-	263	-	-
	Germany	-	-	-	9	-	-
	Japan	-	-	-	5	-	-
Electrical (silicon content 2.90 or more) .....	United States	-	935	-	-	9,854	-
	United Kingdom	-	51	-	-	165	-
	Sweden	-	-	-	-	1	-
Electrical, n.o.p. ....	United States	-	71	-	-	474	-
	United Kingdom	-	-	-	-	70	-
Saw steel .....	United States	6	104	-	108	895	-
	United Kingdom	-	11	-	-	47	-
	Germany	-	-	-	-	1	-
	Sweden	-	17	-	-	155	-
Hot rolled wasters .....	United States	67	-	-	295	-	-
	United Kingdom	-	-	-	28	-	-
Cold rolled wasters .....	United States	319	-	-	776	-	-
	United Kingdom	-	-	-	680	-	-
Black plate .....	United States	33	-	-	119	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	June, 1960		Six Months Ended June, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (concluded)					
Tin plate primes .....	United States	82	-	588	-
	United Kingdom	-	-	15	-
	Australia	-	-	41	-
Tin plate electrolytic .....	United States	10	-	254	-
	United Kingdom	333	-	4,366	-
Tin plate wasters and seconds .....	United States	-	-	100	-
Terne plate long .....	United States	650	-	4,668	-
	United Kingdom	-	-	120	-
	Australia	-	-	22	-
Terne plate short .....	United States	89	-	296	-
Strip for hoop .....	United States	-	-	403	-
	United Kingdom	44	-	116	-
	Belgium	2	-	2	-
	Japan	-	-	6	-

Stainless sheets and strip:

Hot rolled-

Under 24" in width 18 gauge  
and heavier .....

United States	-	-	16.8
United Kingdom	-	1.2	1.3

Under 24" in width lighter  
than 18 gauge .....

United States	-	1.6	2.6
United Kingdom	-	-	.3

24" up to and including 51" in  
width 18 gauge and heavier .....

United States	-	5.3	68.2
United Kingdom	-	14.8	295.2
Japan	-	-	.1
Sweden	-	1.5	64.8

24" up to and including 51" in  
width lighter than 18 gauge .....

United States	-	2.2	-	-	22.4
United Kingdom	-	4.8	-	-	65.6
Japan	-	-	-	-	1.0

Over 51" in width 18 gauge and  
heavier .....

United States	-	7.3	-	-	54.3
Sweden	-	-	-	-	17.6

Over 51" in width lighter than  
18 gauge .....

United States	-	-	-	-	2.0
---------------	---	---	---	---	-----

Cold rolled-

Under 24" in width 18 gauge and  
heavier .....

United States	-	6.5	-	-	151.7
United Kingdom	-	-	-	-	9.7

Under 24" in width lighter than  
18 gauge .....

United States	-	128.6	-	-	658.9
---------------	---	-------	---	---	-------

Cold rolled, n.o.p. ....

United States	-	132.4	-	-	1353.6
United Kingdom	-	42.6	-	-	305.2
France	-	33.5	-	-	129.3
Japan	-	35.0	-	-	178.5
Sweden	-	-	-	-	6.0

Plate, sheet and strip for pipes and tubes:

Hot rolled-

15-3/8" and under in width .....

United States	1,458	-	-	12,964	-
United Kingdom	-	-	-	4,444	-
Netherlands	-	-	-	167	-

Over 15-3/8" in width .....

United States	-	-	-	1,231	-
---------------	---	---	---	-------	---

Hot rolled plate for pipe .....

United States	1,211	-	-	1,925	-
France	-	-	-	153	-
Germany	-	-	-	654	-
Italy	-	-	-	166	-
Japan	238	-	-	714	-

Cold rolled .....

United States	-	-	-	51	-
---------------	---	---	---	----	---



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	June, 1960		Six Months Ended June, 1960	
		Carbon Alloy	Stainless (Tons of 2,000 pounds)	Carbon Alloy	Stainless
<u>Pipes and tubes:</u>					
Spiral Welded .....	United States	32	-	954	-
Cast .....	United States	1,002	-	1,297	-
	United Kingdom	2,650	-	8,214	-
	United States	141	11	475	220
	United Kingdom	48	-	260	37
	Germany	-	-	114	-
Sweden	-	-	1	-	
18.7					
Seamless cold drawn .....	United States	1	2	185	47
	United Kingdom	94	4	175	55
	France	-	-	30	-
	Germany	-	-	14	-
	1.7				
Welded .....	United States	60	-	67	-
	United Kingdom	510	-	1,515	-
	France	1	-	21	-
	Germany	24	-	113	-
	Switzerland	108	-	736	-
Seamless cold drawn, n.o.p. ....	United States	328	13	1,330	45
	United Kingdom	100	4	370	6
	France	-	-	-	-
	Germany	7	-	71	-
	Sweden	1	-	85	1
142.9					
Mechanical tubing .....	United States	936	306	5,798	2,602
	United Kingdom	22	-	570	78
	France	126	-	137	-
	Germany	8	3	112	38
	Netherlands	5	-	55	-
Sweden	-	11	136	221	
35.3					
7					
-					
-					
-					
-					

Seamless hot finished, n.o.p. - Up to and including 6-5/8" O.D. ....	United States	159	6	1.4	609	62	14.5
	United Kingdom	31	68	-	279	478	-
	Germany	-	-	-	131	-	-
	Japan	-	-	-	104	-	-
	Sweden	-	-	-	1	-	-
Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....	United States	3	1	-	74	4	-
	United Kingdom	44	-	-	53	6	-
	Italy	-	-	-	1	-	-
Over 10-1/2" O.D. up to and including 16" O.D. ....	United States	96	-	-	715	9	-
	United Kingdom	1,156	-	-	1,271	44	-
	Italy	-	-	-	2	-	-
Over 16" O.D. ....	United States	90	-	-	912	2	-
	United Kingdom	1,819	-	-	1,819	-	-
	Italy	28	-	-	115	-	-
	United States	112	-	-	1,208	-	-
Drill pipe .....							
Welded n.o.p. - Up to and including 4-1/2" O.D. ...	United States	93	-	44.9	1,011	-	95.6
	United Kingdom	729	-	1.9	1,909	-	4.8
	Belgium	-	-	-	97	-	-
	France	289	-	-	1,015	-	-
	Germany	689	-	-	2,186	-	-
	Japan	52	-	-	525	-	-
	Netherlands	122	-	-	187	-	-
	Norway	-	-	-	36	-	-
	Sweden	-	-	-	7	-	-
	Switzerland	-	-	-	1	-	-
Over 4-1/2" O.D. up to and including 16" O.D. ....	United States	67	-	6.3	779	2	29.8
	Germany	5	-	-	131	-	-
	Sweden	3	-	-	5	-	-
	United States	336	-	-	956	-	2.5
Over 16" O.D. ....	United Kingdom	30	-	-	13,350	-	-
	Germany	-	-	-	-	-	21.3

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	June, 1960		Six Months Ended June, 1960	
		Carbon Alloy	Stainless (Tons of 2,000 pounds)	Carbon Alloy	Stainless
Pipes and tubes: - (concluded)					
Oil country tubing up to and including 3-1/2" O.D. ....	United States	552	-	1,482	.1
	United Kingdom	490	-	1,635	-
	France	132	-	214	-
	Italy	-	-	414	-
	Japan	664	-	1,784	-
Casing -					
J-55 and H-40 .....	United States	67	-	841	-
	United Kingdom	1,128	-	3,443	-
	France	-	-	819	-
	Germany	166	-	166	-
	Italy	145	-	629	-
	Japan	1,130	-	10,594	-
All other casing .....	United States	199	-	3,232	-
	United Kingdom	598	-	2,005	-
	France	-	-	664	-
	Germany	132	-	336	-
	Japan	-	-	263	-
Conduit .....	United States	105	-	690	-

## Wire products:

Wire-					
For wire rope .....	United States	3	-	320	1.8
	United Kingdom	1,472	-	6,853	-
	Germany	415	-	1,895	-
	Japan	54	-	211	-
For springs, cushions, etc. ....	United States	-	-	73	-
	United Kingdom	-	-	16	-
	Japan	17	-	83	-

For dorset clasps, dress stays, etc. ....	United States United Kingdom Germany	11 1 -	- - -	- - -	34 21 4	- - -	- - -
Coated - (tin, copper, plastic, paper, paint, etc.) ....	United States United Kingdom Austria Belgium Germany Japan	16 15 - 1 - -	- - - - - -	2.3 - - - - -	147 64 19 1 70 8	1 - - - - -	2.4 .3 - - - -
Galvanized fence wire .....	United States United Kingdom Belgium France Germany	- 121 58 - -	- - - - -	- - - - -	20 944 58 84 683	- - - - -	- - - - -
Galvanized, n.o.p. ....	United States United Kingdom Austria Belgium France Germany Japan Netherlands	13 178 29 104 6 15 42 -	- - - - - - - -	- - - - - - - -	137 765 96 176 11 42 324 5	- - - - - - - -	- - - - - - - -
Wire, n.o.p. ....	United States United Kingdom Austria Belgium France Germany Japan Netherlands Sweden	167 313 19 62 17 100 21 - 33	25 1 - - - - - - -	5.3 5.2 - - - - - - -	1,011 1,273 351 456 230 141 266 42 97	47 3 - - - - - - -	42.6 11.5 - - - - - - -
Wire rope .....	United States United Kingdom Belgium	36 331 32	- - -	1.6 - -	104 1,511 76	- - -	210.5 .2 -



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of Origin	June, 1960			Six Months Ended June, 1960	
		Carbon Alloy	Stainless	(Tons of 2,000 pounds)	Carbon Alloy	Stainless
Wire products: - (concluded)						
Wire rope: - (concluded)						
	Denmark	4	-	-	20	-
	France	-	-	-	229	-
	Germany	50	-	-	372	-
	Japan	128	-	-	557	-
	Netherlands	95	-	-	445	-
	Norway	8	-	-	27	-
	Sweden	-	-	-	19	-
	United States	160	107	50.5	1,236	541
	United Kingdom	17	-	-	196	9
	Australia	-	-	-	1	-
	Sweden	-	-	-	116	-
						.8
Welding rods (cut length) .....						172.5
	United States	36	8	2.4	388	69
	United Kingdom	-	-	-	6	-
	Belgium	-	-	-	14	-
	Japan	-	-	-	218	-
	United States	-	-	1.0	240	-
	United Kingdom	259	-	-	918	-
	Belgium	111	-	-	378	-
	Chile	-	-	-	268	-
	France	-	-	-	75	-
	Germany	342	-	-	1,855	-
Wire rods (all sizes) .....						19.9
	United States	11	-	-	44	-
	Belgium	-	-	-	39	-
	Germany	268	-	-	395	-
	Netherlands	24	-	-	24	-
Rails and railway material:						
Rails-						
60 lbs. and under per lineal yard						

Over 60 lbs. up to and including 100 lbs per lineal yard .....	United States	9	-	-	281	-	-
Over 100 lbs. per lineal yard ...	United States	-	-	-	15	-	-
Track material-							
Fish plates, angle bars, etc. ...	United States	67	-	-	446	-	-
	United Kingdom	-	-	-	1,383	-	-
	Belgium	-	-	-	2	-	-
	Germany	69	-	-	127	-	-
	Netherlands	1	-	-	1	-	-
Switch points, guard rails etc. .	United States	-	-	-	146	-	-
Other Railway material-							
Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	29	-	-	161	-	-
	United Kingdom	-	-	-	14	-	-
Steel wheels .....	United States	1	-	-	173	-	-
	United Kingdom	163	-	-	4,770	-	-
TOTAL IMPORTS .....		93,303	2,498	841.6	590,920	21,062	6264.2

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels.

Commodity	Country of Origin	June, 1960	Six Months Ended June, 1960
		(Tons of 2,000 pounds)	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	5.9	122.7
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	11.8
Cold rolled bars, n.o.p. ....	United States	11.6	11.6
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	41.2	1212.8
n.o.p. 3" to 6" .....	United States	35.9	68.1
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	-	421.9
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	206.4	886.8
Over 60" up to and including 100" in width .....	United States	400.5	1905.5
	United Kingdom	-	43.6
Over 100" in width .....	United States	1.0	53.0
Flanged or dished .....	United States	56.7	200.9
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	-	10.8
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	133.3	1182.5
over 51" in width .....	United States	87.0	1016.1
	United Kingdom	-	32.7
Cold rolled-			
24" to 51" in width .....	United States	1.9	109.9
Over 51" in width .....	United States	-	65.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	19.2	77.6
Seamless hot finished - over 10-1/2" and including 16" O.D..	United States	-	16.5
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		1000.6	7572.1

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	June, 1960			Six Months Ended June, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Tons of 2,000 pounds)					
United States .....	41,551	2,153	632.0	309,343	18,718	4700.8
United Kingdom .....	22,741	280	110.9	143,088	1,582	1055.3
Australia .....	-	-	-	747	-	-
Austria .....	48	9	-	562	66	-
Belgium (1) .....	13,548	-	-	55,111	-	-
Chile .....	-	-	-	268	-	-
Denmark .....	4	-	-	20	-	-
France .....	3,295	-	59.6	12,534	122	155.4
Germany .....	4,784	13	-	23,589	64	21.3
Italy .....	173	-	-	1,448	-	-
Japan .....	6,756	-	35.0	37,064	-	179.6
Netherlands .....	247	-	-	926	-	-
Norway .....	8	-	-	129	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	40	43	4.1	818	510	151.8
Switzerland .....	108	-	-	737	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	93,303	2,498	841.6	590,920	21,062	6264.2

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	June, 1960	Six Months Ended June, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	45,968	127,443
Sponge iron and primary iron n.o.p. ....	221	1,049
Ingots, blooms and billets .....	35,932	65,394
Castings, iron and steel .....	486	5,330
Forgings .....	300	1,820
Hot rolled bars including fabricated .....	1,192	15,879
Cold rolled bars .....	168	1,760
Wire rods .....	9,438	14,662
Plates .....	279	18,678
Hot rolled sheets and strips .....	14,909	59,423
Sheets and strips n.o.p. ....	6,907	56,544
Rails .....	616	2,853
Structural shapes .....	948	5,326
Pipes and tubing - Wrought iron .....	13	619
- Cast iron .....	329	635
- Galvanized .....	22	110
- Other .....	4,010	19,053
Total .....	121,738	396,578

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.





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# PRIMARY IRON AND STEEL

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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	July, 1960	Seven Months Ended July, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	91,164	1,098,101
(b) From foreign mines .....	187,056	1,084,850
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	84,054	621,272
(b) From foreign mines .....	48,991	525,085
(c) From own processing .....	140,077	985,889
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	13,015	104,069
Scrap iron and steel .....	9,344	72,207
Limestone .....	63,787	494,101
Dolomite .....	17,243	156,219
Coke .....	243,576	1,908,652

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, July

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	291,157	20,469	281,443	1,788
Foundry (including silvery pig)** .....	22,799	10,873	25,678	16,718
Malleable .....	38,879	49,156	29,897	37,278
Total pig iron .....	352,835	80,498	337,018	55,784
Ferro-alloys .....	11,390	10,470	11,687	9,418
Stocks of pig iron on hand at end of month.	276,952		336,515	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Seven Months Ended July

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig Iron</u>				
Basic .....	2,047,055	58,358	2,234,448	38,980
Foundry (including silvery pig)** .....	83,849	59,262	156,190	93,798
Malleable .....	244,323	243,141	221,143	209,454
Total pig iron .....	2,375,227	360,761	2,611,781	342,232
Ferro-alloys .....	70,120	74,189	87,309	79,712

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of July, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	12	3,799,900	83.4
Banked .....	-	-	-
Blown out .....	3	758,000	16.6
Total .....	15	4,557,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	July		Seven Months Ended July	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
(Tons of 2,000 pounds)				
Pig iron .....	286,568	268,148	1,986,018	2,167,456
Scrap - Own make .....	128,716	128,474	881,602	996,077
Purchased .....	115,692	90,713	747,370	835,836
Total pig iron and scrap .....	530,976	487,335	3,614,990	3,999,369

Table 7 - Production and Shipments of Steel Ingots and Castings, July

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel Ingots</u>				
Open hearth - Basic .....	437,633	17,282	398,750	6,043
Electric .....	35,341	3,780	36,586	4,914
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	472,974	21,062	435,336	10,957
Alloy steel ingots included in above ..	14,115	120	19,651	137
<u>Steel Castings</u>				
Open hearth - Basic .....	1,387	1,396	167	167
Electric .....	7,895	7,386	5,300	5,886
Other .....	-	-	-	-
Total steel castings .....	9,282	8,782	5,467	6,053
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	113	170	162	143
(b) High alloy, manganese and abrasion resistant .....	1,375	1,391	982	1,235
(c) All other alloys .....	297	214	256	194
Total alloy castings .....	1,785	1,775	1,400	1,572

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Seven Months Ended July

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	2,958,077	58,275	3,168,465	80,652
Electric .....	291,144	26,974	387,631	51,983
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	3,249,221	85,249	3,556,096	132,635
Alloy steel ingots included in above ...	140,951	736	153,315	5,153
<u>Steel castings</u>				
Open hearth - basic .....	9,454	9,293	1,809	2,256
Electric .....	42,652	41,114	58,376	58,689
Other .....	7	7	-	-
Total steel castings .....	52,113	50,414	60,185	60,945
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	1,059	1,115	1,477	1,505
(b) High alloy, manganese and abrasion resistant .....	9,256	8,898	11,095	11,185
(c) All other alloys .....	2,010	1,824	1,941	1,870
Total alloy castings .....	12,325	11,837	14,513	14,560

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth"

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	July, 1960		Seven Months Ended July, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	-	113	79	1,562
Automotive industries .....	121	3	850	59
Agricultural, including implement and equipment manufacturers .....	70	-	620	9
Machinery and tools .....	1,116	204	8,754	2,250
Mining, Lumbering and quarrying industries .....	432	569	4,593	5,841
Oil and gas, including refineries .....	80	154	629	447
National defence .....	7	10	49	135
Public works and public utilities .....	28	59	239	296
Railway operating .....	1,468	156	22,323	1,421
Railway cars and locomotives .....	866	7	6,163	219
Shipbuilding .....	51	21	305	97
Miscellaneous and unclassified .....	242	276	1,699	2,224
Total shipments .....	4,481	1,572	46,385	14,560

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
1 9 5 9					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
Total seven months .	2,611,781	87,309	3,556,096	60,185	3,616,281



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, July 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	13,137	14,823
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	9,387	16,998
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	3,591	3,977
Total .....	26,115	35,798
Steel pipe fittings:		
(a) Buttwelding fittings .....	118	126
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	308	394
Total .....	426	520

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Seven Months Ended July, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	113,528(2)	103,573
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	104,359	91,595
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	40,768	40,787
Total .....	258,655	235,955
Steel pipe fittings:		
(a) Buttwelding fittings .....	760	802
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	3,219	3,523
Total .....	3,979	4,325

\* Comparable data for previous year not available.

(1) Included with other.

(2) Six months ending June. Should have read 100,391 tons.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
July, 1960.

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	49,713	47,321	5,960	41,361
(b) For forging and piercing ....	4,814	2,443	-	2,443
Rails .....	20,231	21,512	-	21,512
Wire rods .....	22,038	24,799	60	24,739
Structural shapes:				
(a) Heavy, including piling .....	10,889	10,689	-	10,689
(b) Light .....	2,629	3,628	-	3,628
Concrete reinforcing bars .....	31,734	34,264	-	34,264
Other hot rolled bars .....	18,378	18,345	1,023	17,322
Tie plates and track material:				
(a) Angle bars .....	635	673	-	673
(b) Tie plates .....	149	149	-	149
(c) Track spikes .....	506	512	-	512
Plates (including plates for pipes and tubes) .....	33,975	34,108	-	34,108
Hot rolled sheets and strip .....	166,450	163,204	125,526	37,678
Total all hot rolled products ..	362,141	361,647	132,569	229,078
<u>Cold rolled and coated</u>				
Cold finished bars .....	1,592	1,534	-	1,534
Cold reduced strip .....	2,126	2,115	-	2,115
Cold reduced sheets, tin mill black plate and tin plate .....	119,104	101,008	49,712	51,296
Galvanized sheets .....	22,106	21,072	-	21,072
Total all cold rolled and coated	144,928	125,729	49,712	76,017
Grand total all carbon products .....	507,069	487,376	182,281	305,095
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing .....	1,683	1,898	-	1,898
Alloy plates .....	23	23	-	23
Other hot rolled bars, including high-speed steel and alloy tool steel .....	4,636	3,633	45	3,588
Structurals .....	-	-	-	-
Cold finished bars .....	575	339	-	339
Wire rods .....	140	127	-	127
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	1,744	1,534	-	1,534
Total all alloy products .....	8,801	7,554	45	7,509

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Seven Months Ended July, 1960.

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	262,784	235,591	135,730	99,861
(b) For forging and piercing ....	116,495	108,574	-	108,574
Rails .....	156,943	157,062	-	157,062
Wire rods .....	225,068	225,542	1,729	223,813
Structural shapes:				
(a) Heavy, including piling .....	111,873	110,721	-	110,721
(b) Light .....	41,451	41,236	-	41,236
Concrete reinforcing bars .....	206,046	198,132	-	198,132
Other hot rolled bars .....	200,741	205,473	15,777	189,696
Tie plates and track material:				
(a) Angle bars .....	8,951	8,925	-	8,925
(b) Tie plates .....	27,356	27,798	-	27,798
(c) Track spikes .....	6,086	5,776	-	5,776
Plates (including plates for pipes and tubes) .....	302,988	308,548	535	308,013
Hot rolled sheets and strip .....	1,318,501	1,295,440	889,655	405,785
Total all hot rolled products ..	2,985,283	2,928,818	1,043,426	1,885,392
<u>Cold rolled and coated</u>				
Cold finished bars .....	20,784	19,934	-	19,934
Cold reduced strip .....	30,455	30,550	-	30,550
Cold reduced sheets, tin mill black plate and tin plate .....	848,584	820,944	363,905	457,039
Galvanized sheets .....	177,200	169,675	247	169,428
Total all cold rolled and coated	1,077,023	1,041,103	364,152	676,951
Grand total all carbon products .....	4,062,306	3,969,921	1,407,578	2,562,343
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing .....	5,115	5,143	6	5,137
Alloy plates .....	212	212	-	212
Other hot rolled bars, including high-speed steel and alloy tool steel .....	50,826	48,825	313	48,512
Structurals .....	-	-	-	-
Cold finished bars .....	3,799	3,301	-	3,301
Wire rods .....	875	911	3	908
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	16,480	16,155	-	16,155
Total all alloy products .....	77,503	74,743	518	74,225



Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	July, 1960		Seven Months Ended July, 1960	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
4 Wholesalers and warehouses .....	27,416	469	322,280	6,861
5 Direct export:				
(a) British Columbia .....	42,209	952	86,018	4,497
(b) All other .....	35,309	1,515	133,878	4,736
6 Automotive industries .....	6,131	2,273	129,919	27,231
7 Agricultural, including implement and equipment manufacturers .....	3,491	160	50,468	1,598
8 Building construction .....	64,632	60	526,273	977
9 Container industry .....	29,370	8	218,702	138
10 Machinery and tools .....	7,616	835	109,675	10,785
11 Merchant trade products .....	22,388	419	255,821	4,896
12 Mining, lumbering, etc. ....	3,765	391	40,676	9,084
13 National defence .....	60	59	2,166	462
14 Pressing, forming and stamping .....	8,871	268	123,464	2,377
15 Public works and utilities .....	1,541	-	15,188	16
16 Railway operating .....	24,012	21	201,687	162
17 Railway cars and locomotives .....	3,607	26	41,401	225
18 Shipbuilding .....	3,969	53	20,399	142
19 Pipes and tubes .....	20,539	-	281,006	38
20 Miscellaneous and unclassified .....	169	-	3,322	-
Net shipments .....	305,095	7,509	2,562,343	74,225

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product July

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	31	742	2,145	869	5,261
Export:						
British Empire .....	37,559	-	1,138	-	-	2,322
All Other .....	6,196	192	5,450	-	-	620
Automotive .....	151	-	-	23	72	-
Agricultural, etc. ....	-	-	10	299	305	-
Building .....	137	40	1,188	5,729	1,855	23,152
Container .....	-	-	1	-	-	-
Machinery, etc. ....	253	299	5	243	71	387
Merchant trade .....	196	-	16,257	44	13	970
Mining, etc. ....	106	247	71	33	16	1
National defence .....	-	-	-	-	-	-
Pressing, etc. ....	13	-	2	60	375	-
Public works, etc. ....	-	-	2	-	-	1,489
Railway operating .....	-	20,682	-	68	14	-
Railway cars, etc. ....	499	20	-	1,316	17	-
Shipbuilding .....	-	1	-	721	21	-
Pipes and tubes .....	592	-	-	-	-	-
Miscellaneous .....	-	-	-	8	-	62
Net shipments .....	45,702	21,512	24,866	10,689	3,628	34,264

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished strips	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
3,270	-	4,582	2,781	640	156	4,065	3,343	27,885
203	-	-	1,240	1	34	664	-	43,161
360	-	3,582	12,888	5	-	5,649	1,882	36,824
2,641	-	24	2,594	337	394	1,861	307	8,404
1,609	-	191	548	258	7	319	105	3,651
2,347	-	10,767	2,746	18	231	3,283	13,199	64,692
5	-	2	648	-	-	28,670	52	29,378
2,059	-	2,194	1,538	255	381	697	69	8,451
3,939	-	16	684	185	5	422	76	22,807
2,445	10	564	508	38	-	96	21	4,156
53	-	39	3	6	18	-	-	119
785	-	316	2,144	118	245	3,578	1,503	9,139
6	-	-	-	-	-	44	-	1,541
704	1,324	441	192	7	-	271	330	24,033
371	-	1,137	263	-	-	3	7	3,633
82	-	3,111	61	5	-	-	20	4,022
-	-	7,162	10,374	-	607	1,651	153	20,539
31	-	3	-	-	37	23	5	169
20,910	1,334	34,131	39,212	1,873	2,115	51,296	21,072	312,604

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Seven

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	1	631	7,086	24,296	11,779	39,058
Export:						
British Empire .....	75,156	-	6,109	-	-	2,322
All Other .....	27,976	1,607	14,914	704	59	782
Automotive .....	7,442	6	1	581	559	12
Agricultural, etc. ....	66	-	452	3,457	3,527	2
Building .....	2,105	985	7,052	62,989	16,303	130,353
Container .....	-	-	14	-	-	-
Machinery, etc. ....	4,922	1,167	1,283	3,615	1,979	2,085
Merchant trade .....	3,188	-	186,621	1,048	809	10,299
Mining, etc. ....	997	4,423	661	2,325	404	358
National defence .....	86	-	-	196	-	172
Pressing, etc. ....	34	78	212	500	5,063	169
Public works, etc. ....	-	187	245	55	15	12,229
Railway operating .....	35	147,776	70	886	122	15
Railway cars, etc. ....	9,197	108	-	8,057	455	19
Shipbuilding .....	7	24	1	1,908	161	-
Pipes and tubes .....	81,458	70	-	5	-	-
Miscellaneous .....	902	-	-	99	1	257
Net shipments .....	213,572	157,062	224,721	110,721	41,236	198,132

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Months Ended July, 1960

other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
34,788	86	47,543	55,943	5,951	2,095	61,886	37,998	329,141
1,647	-	128	3,943	69	64	1,057	20	90,515
4,857	53	16,003	45,862	158	-	20,305	5,334	138,614
35,615	-	2,254	71,214	6,154	5,555	25,873	1,884	157,150
19,121	-	2,604	13,495	2,509	363	5,523	947	52,066
23,565	59	109,600	38,207	202	2,662	32,413	100,755	527,250
30	10	16	3,335	5	27	214,291	1,112	218,840
26,466	53	32,933	21,324	3,124	6,956	12,560	1,993	120,460
44,555	52	309	5,660	2,111	499	4,989	577	260,717
27,839	596	5,376	3,326	391	79	2,767	218	49,760
583	-	977	61	213	315	-	25	2,628
6,836	-	5,527	33,154	2,146	4,004	53,928	14,190	125,841
420	95	577	10	-	995	376	-	15,204
4,737	41,456	3,980	1,654	66	-	369	683	201,849
5,698	8	11,846	4,640	7	-	559	1,032	41,626
1,075	31	15,863	950	76	-	25	420	20,541
-	-	52,616	119,108	6	6,242	19,535	2,004	281,044
376	-	73	54	47	694	583	236	3,322
238,208	42,499	308,225	421,940	23,235	30,550	457,039	169,428	2,636,568

\*\* Abbreviations correspond to headings in Table 15.



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
<u>Pig iron:</u>					
Other .....	United States	-	-	288	-
	United Kingdom	-	-	45	-
	Australia	-	-	555	-
	Spain	-	-	4,480	-
	U.S.S.R.	-	-	56	-
<u>Ingots and semi-finished:</u>					
Ingots .....	United States	-	2	451	171
	United Kingdom	-	-	7	-
Billets, blooms, slabs and sheet bars	United States	2	4	299	363
	United Kingdom	-	-	3	-
					441.9
					26.1
<u>Bars and sections:</u>					
Hot rolled bars, n.o.p. ....	United States	590	205	7,949	1,179
	United Kingdom	353	21	1,156	351
	Austria	-	6	8	7
	Belgium	652	-	6,575	-
	France	5	-	1,075	-
	Germany	7	-	252	-
	Japan	321	-	1,202	-
	Sweden	-	-	257	13
					.5
Hot rolled bars for agricultural implements .....	United States	243	13	3,102	265
					-
Rounds over 4 7/8", squares over 4" .	United States	131	3	873	39
	United Kingdom	-	6	160	26
	Belgium	20	-	20	-
					-
Concrete reinforcing bars .....	United States	5	-	92	-
	United Kingdom	-	-	50	-
	Belgium	2,350	-	8,415	-
	France	982	-	2,407	-

Germany	56	-	-	885	-	-
Japan	318	-	-	4,339	-	-
Norway	-	-	-	34	-	-
Sash or casement sections .....						
United States	102	-	-	1,366	-	-
United Kingdom	88	-	-	166	-	-
Belgium	-	-	-	211	-	-
Cold rolled bars, n.o.p. ....						
United States	145	30	13.2	1,072	202	89.4
United Kingdom	214	6	1.3	2,391	18	36.5
Austria	-	-	-	-	2	-
Belgium	-	-	-	531	-	-
France	-	-	-	2	-	-
Germany	-	-	-	22	-	-
Sweden	1	-	-	10	-	-
Cold rolled bars for agricultural implements .....						
United States	2	1	-	170	4	-

#### Tool steel:

All forms and sizes .....

United States	307	72	-	1,805	856	-
United Kingdom	9	34	-	60	253	-
Austria	-	-	-	10	63	-
France	-	-	-	-	122	-
Germany	-	2	-	-	27	-
Sweden	4	15	-	9	133	-

#### Structural shapes:

Wide flange beams .....

United States	15,041	-	-	139,092	-	-
United Kingdom	7,916	-	-	57,698	-	-
Belgium	1,415	-	-	12,108	-	-
France	-	-	-	89	-	-
Germany	-	-	-	2,116	-	-

Sheet piling .....

United States	285	-	-	6,643	-	-
United Kingdom	3,458	-	-	6,824	-	-
Belgium	1,533	-	-	8,309	-	-
France	-	-	-	49	-	-
Germany	-	-	-	824	-	-

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Structural shapes (Concluded):					
Structurals, n.o.p. 3" to 6" .....	United States	881	1.1	6,364	14.6
	United Kingdom	80	-	1,218	1.2
	Belgium	1,745	-	9,570	-
	France	401	-	2,693	-
	Germany	11	-	257	-
	Japan	120	-	185	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....	United States	1,747	-	21,121	-
	United Kingdom	278	-	3,859	-
	Belgium	987	-	7,038	-
	France	210	-	2,288	-
Bar size structurals, n.o.p. ....	United States	174	13.9	3,019	27 96.2
	United Kingdom	89	-	422	1.0
	Belgium	1,232	-	7,914	-
	France	-	-	1,109	-
	Germany	27	-	932	-
	Italy	-	-	121	-
	Japan	31	-	366	-
	Norway	-	-	18	-
	Sweden	-	9.9	-	20.1
Bar size structurals for agricultural implements .....	United States	68	-	1,425	18 -
	Germany	-	-	40	-
Plates:					
60" and under in width .....	United States	387	8	4,738	216 267.6
	United Kingdom	50	-	2,727	1 134.3
	Austria	-	-	11	-
	Belgium	27	-	797	-
	France	-	-	120	-
	Germany	77	-	1,776	-

Over 60" up to and including 100" in width .....	Japan	750	-	-	5,239	-	-
	Sweden	-	-	-	-	-	27.1
Over 60" up to and including 100" in width .....	United States	803	16	39.2	11,706	261	597.7
	United Kingdom	117	-	-	7,283	-	3.2
	Austria	-	-	-	67	-	-
	Belgium	-	-	-	976	-	-
	France	294	-	-	615	-	-
	Germany	-	-	-	5,904	-	-
	Japan	2,265	-	-	12,307	-	-
	Sweden	-	-	3.0	-	-	19.5
Over 100" in width .....	United States	247	29	1.6	3,438	115	23.2
	United Kingdom	-	-	-	1,261	-	13.5
	Germany	87	-	-	841	-	-
Flanged or dished .....	United States	199	7	6.9	2,100	65	53.1
Floor plate .....	United States	531	-	3.5	8,248	-	6.0
	United Kingdom	21	-	-	1,510	-	-
	Belgium	33	-	-	69	-	-
	France	-	-	-	28	-	-
	Germany	44	-	-	156	-	-
	Japan	-	-	-	130	-	-

- 17 -

Sheets and strip (except stainless):

Hot rolled- Under 12" in width .....	United States	233	7	-	4,152	53	-
	United Kingdom	69	-	-	300	2	-
12" up to but not including 24" in width .....	Belgium	164	-	-	1,319	-	-
	France	-	-	-	227	-	-
	Japan	-	-	-	48	-	-
	United States	43	19	-	499	49	-
	United Kingdom	-	-	-	4	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (Continued)					
Hot rolled- (continued)					
24" to 51" in width .....	United States	225	-	4,922	303
	United Kingdom	31	-	555	-
	France	-	-	42	-
	Germany	7	-	18	-
	Japan	152	-	1,403	-
Over 51" in width .....	United States	1,349	-	11,328	-
	United Kingdom	10	-	64	-
	Belgium	-	-	41	-
	Germany	-	-	33	-
	Japan	-	-	68	-
Cold rolled-					
Under 24" in width .....	United States	247	13	2,686	68
	United Kingdom	28	-	266	-
	Belgium	5	-	82	-
	Germany	55	-	97	-
	Sweden	20	-	100	1
24" to 51" in width .....	United States	245	-	4,754	5
	United Kingdom	522	-	1,632	-
	Australia	-	-	128	-
	Japan	-	-	72	-
	Sweden	4	-	4	-
Over 51" in width .....	United States	903	-	9,205	-
	United Kingdom	36	-	47	-
Enamelling grade .....	United States	656	-	8,984	-
	United Kingdom	57	-	696	-
Aluminized .....	United States	55	-	989	-
	United Kingdom	-	-	5	-

Coated (other than metal or asbestos bonded) .....	United States	660	-	-	6,136	-
	United Kingdom	61	-	-	320	-
	Germany	-	-	-	106	-
Asbestos bonded (includes galvanized and corrugated) .....	United States	82	-	-	1,536	-
	United Kingdom	17	-	-	184	-
Metal coated, n.o.p. ....	United States	46	-	-	880	-
	Germany	-	-	-	80	-
Electro galvanized .....	United States	136	-	-	1,014	-
	United Kingdom	30	-	-	75	-
Galvanized, n.o.p. ....	United States	158	-	-	2,391	14
	United Kingdom	-	-	-	263	-
	Germany	-	-	-	9	-
	Japan	10	-	-	15	-
Electrical (silicon content 2.90 or more) .....	United States	-	509	-	-	10,363
	United Kingdom	-	30	-	-	195
	Sweden	-	-	-	-	1
Electrical, n.o.p. ....	United States	-	49	-	-	523
	United Kingdom	-	-	-	-	70
Saw steel .....	United States	7	107	-	115	1,002
	United Kingdom	-	1	-	-	48
	Germany	-	-	-	-	1
	Sweden	-	25	-	-	180
Hot rolled wasters .....	United States	21	-	-	316	-
	United Kingdom	-	-	-	28	-
Cold rolled wasters .....	United States	791	-	-	1,567	-
	United Kingdom	348	-	-	1,028	-
Black plate .....	United States	41	-	-	160	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (Concluded)					
Tin plate primes .....	United States	77	-	665	-
	United Kingdom	-	-	15	-
	Australia	-	-	41	-
Tin plate electrolytic .....	United States	32	-	286	-
	United Kingdom	146	-	4,512	-
Tin plate wasters and seconds .....	United States	-	-	100	-
Terne plate long .....	United States	533	-	5,201	-
	United Kingdom	-	-	120	-
	Australia	-	-	22	-
Terne plate short .....	United States	-	-	296	-
Strip for hoop .....	United States	65	-	468	-
	United Kingdom	-	-	116	-
	Belgium	-	-	2	-
	Japan	-	-	6	-
Stainless sheets and strip:					
Hot rolled-					
Under 24" in width 18 gauge and heavier .....	United States	-	2.0	-	18.8
	United Kingdom	-	-	-	1.3
Under 24" in width lighter than 18 gauge .....	United States	-	-	-	2.6
	United Kingdom	-	-	-	.3
24" up to and including 51" in width 18 gauge and heavier .....	United States	-	15.4	-	83.6
	United Kingdom	-	5.6	-	300.8
	Japan	-	-	-	.1

	Sweden	-	-	1.3	-	-	66.1
24" up to and including 51" in width lighter than 18 gauge .....							
	United States	-	-	3.8	-	-	26.2
	United Kingdom	-	-	-	-	-	65.6
	Japan	-	-	-	-	-	1.0
Over 51" in width 18 gauge and heavier .....							
	United States	-	-	2.3	-	-	56.6
	Sweden	-	-	2.5	-	-	20.1
Over 51" in width lighter than 18 gauge .....	United States	-	-	-	-	-	2.0
Cold rolled-							
Under 24" in width 18 gauge and heavier .....							
	United States	-	-	43.6	-	-	195.3
	United Kingdom	-	-	-	-	-	9.7
Under 24" in width lighter than 18 gauge .....	United States	-	-	100.0	-	-	758.9
Cold rolled, n.o.p. ....							
	United States	-	-	149.0	-	-	1,502.6
	United Kingdom	-	-	48.4	-	-	353.6
	France	-	-	10.0	-	-	139.3
	Japan	-	-	16.1	-	-	194.6
	Sweden	-	-	-	-	-	6.0

, 21 ,

Plate, sheet and strip for pipes and tubes:

Hot rolled-							
15-3/8" and under in width .....							
	United States	-	-	-	12,964	-	-
	United Kingdom	-	-	-	4,444	-	-
	Netherlands	-	-	-	167	-	-
Over 15-3/8" in width .....	United States	-	-	-	1,231	-	-
Hot rolled plate for pipe .....							
	United States	53	-	-	1,978	-	-
	France	-	-	-	153	-	-
	Germany	-	-	-	654	-	-
	Italy	-	-	-	166	-	-
	Japan	-	-	-	714	-	-
	United States	-	-	-	51	-	-
Cold rolled .....							



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960		
		Carbon	Alloy	Carbon	Alloy	
		Stainless (Tons of 2,000 pounds)				
Pipes and tubes:						
Spiral Welded .....	United States	74	-	-	1,028	-
Cast .....	United States	103	-	-	1,400	-
	United Kingdom	1,171	-	-	9,385	-
For pressure parts of boilers -						
Seamless hot finished .....	United States	81	33	-	556	253
	United Kingdom	37	-	-	297	37
	Germany	-	-	-	114	-
	Sweden	-	-	-	1	-
						18.7
Seamless cold drawn .....	United States	16	-	4.9	201	47
	United Kingdom	50	7	-	225	62
	France	-	-	-	30	-
	Germany	-	-	-	14	-
						6.6
Welded .....	United States	26	-	-	93	-
	United Kingdom	288	-	-	1,803	-
	France	-	-	-	21	-
	Germany	-	-	-	113	-
	Switzerland	25	-	-	761	-
Seamless cold drawn, n.o.p. ....	United States	152	4	13.6	1,482	49
	United Kingdom	29	19	16.3	399	25
	France	-	-	8.9	-	-
	Germany	3	-	-	74	-
	Sweden	-	-	1.2	85	1
						156.5
						84.1
						35.0
						-
						9.5
Mechanical tubing .....	United States	433	115	2.2	6,231	2,717
	United Kingdom	38	2	-	608	80
	France	-	-	-	137	-
	Germany	8	-	-	120	38
	Japan	12	-	-	12	-
	Netherlands	-	-	-	55	-

Seamless hot finished, n.o.p. -  
Up to and including 6-5/8" O.D. .

United States	24	9	-	633	71	14.5
United Kingdom	92	12	-	371	490	-
Germany	-	-	-	131	-	-
Italy	-	4	-	-	4	-
Japan	-	-	-	104	-	-
Sweden	-	-	-	1	-	-

Over 6-5/8" O.D. up to and  
including 10-1/2" O.D. ....

United States	2	15	-	76	19	-
United Kingdom	63	-	-	116	6	-
Germany	3	-	-	3	-	-
Italy	-	35	-	1	35	-

Over 10-1/2" O.D. up to and  
including 16" O.D. ....

United States	77	1	-	792	10	-
United Kingdom	1,375	-	-	2,646	44	-
Italy	-	-	-	2	-	-

Over 16" O.D. ....

United States	90	-	-	1,002	2	-
United Kingdom	-	-	-	1,819	-	-
Italy	-	-	-	115	-	-

Drill pipe .....

United States	169	-	-	1,377	-	-
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Welded n.o.p. -  
Up to and including 4-1/2" O.D. .

United States	279	-	7.9	1,290	-	103.5
United Kingdom	603	-	-	2,512	-	4.8
Belgium	-	-	-	97	-	-
France	161	-	-	1,176	-	-
Germany	276	-	-	2,462	-	-
Japan	92	-	-	617	-	-
Netherlands	64	-	-	251	-	-
Norway	-	-	-	36	-	-
Sweden	1	-	-	8	-	-
Switzerland	-	-	-	1	-	-

Over 4-1/2" O.D. up to and  
including 16" O.D.

United States	109	-	6.5	888	2	36.3
Germany	-	-	-	131	-	-
Sweden	-	-	-	5	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
Pipes and tubes: - (Concluded)					
Welded n.o.p. - (concluded)					
Over 16" O.D. ....	United States	255	1	1,211	1
	United Kingdom	-	-	13,350	-
	Germany	-	-	-	-
					21.3
Oil country tubing up to and including 3-1/2" O.D. ....					
	United States	160	-	1,642	.1
	United Kingdom	495	-	2,130	-
	France	-	-	214	-
	Italy	-	-	414	-
	Japan	381	-	2,165	-
Casing -					
J-55 and H-40 .....	United States	270	-	1,111	-
	United Kingdom	341	-	3,784	-
	France	-	-	819	-
	Germany	165	-	331	-
	Italy	-	-	629	-
	Japan	2,005	-	12,599	-
All other casing .....					
	United States	341	-	3,573	-
	United Kingdom	-	-	2,005	-
	France	-	-	664	-
	Germany	-	-	336	-
	Japan	313	-	576	-
Conduit .....	United States	34	-	724	-

Wire products:

Wire-

For wire rope .....

United States	3	-	323	-	1.8
United Kingdom	1,511	-	8,364	-	-
Germany	243	-	2,138	-	-
Japan	-	-	211	-	-

For springs, cushions, etc. ....	United States	4	-	-	77	-	-
	United Kingdom	-	-	-	16	-	-
	Japan	28	-	-	111	-	-
For corset clasps, dress stays, etc. ....	United States	4	-	-	38	-	-
	United Kingdom	2	-	-	23	-	-
	Germany	5	-	-	9	-	-
Coated - (tin, copper, plastic, paper, paint, etc.) ...	United States	13	-	-	160	1	2.4
	United Kingdom	-	-	-	64	-	.3
	Austria	-	-	-	19	-	-
	Belgium	-	-	-	1	-	-
	Germany	-	-	-	70	-	-
	Japan	-	-	-	8	-	-
Galvanized fence wire .....	United States	-	-	-	20	-	-
	United Kingdom	121	-	-	1,065	-	-
	Belgium	-	-	-	58	-	-
	France	50	-	-	134	-	-
	Germany	100	-	-	783	-	-
Galvanized, n.o.p. ....	United States	55	-	-	192	-	-
	United Kingdom	127	-	-	892	-	-
	Austria	37	-	-	133	-	-
	Belgium	8	-	-	184	-	-
	France	3	-	-	14	-	-
	Germany	30	-	-	72	-	-
	Japan	110	-	-	434	-	-
	Netherlands	-	-	-	5	-	-
Wire, n.o.p. ....	United States	89	2	5.0	1,100	49	47.6
	United Kingdom	185	-	-	1,458	3	11.5
	Austria	85	-	-	436	-	-
	Belgium	102	-	-	558	-	-
	France	98	-	-	328	-	-
	Germany	24	-	-	165	-	-
	Japan	42	-	-	308	-	-
	Netherlands	21	-	-	63	-	-
	Sweden	13	-	-	110	-	-



## Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of Origin	July, 1960		Seven Months Ended July, 1960		
		(Tons of 2,000 pounds)				
		Carbon	Alloy	Carbon	Alloy	
Wire products: - (Concluded)						
Wire - (concluded)						
Wire rope .....	United States	13	-	1.9	117	212.4
	United Kingdom	212	-	-	1,723	.2
	Belgium	3	-	-	79	-
	Denmark	1	-	-	21	-
	France	81	-	-	310	-
	Germany	269	-	-	641	-
	Japan	94	-	-	651	-
	Netherlands	150	-	-	595	-
	Norway	7	-	-	34	-
	Sweden	1	-	-	20	-
Welding rods (cut length) .....	United States	184	91	30.3	1,420	202.8
	United Kingdom	88	-	-	284	-
	Australia	-	-	-	1	-
	Sweden	1	-	-	117	.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	40	6	1.8	428	21.7
	United Kingdom	-	-	-	6	-
	Belgium	-	-	-	14	-
	Japan	55	-	-	273	-
Wire rods (all sizes) .....	United States	7	-	5.2	247	19.4
	United Kingdom	13	-	-	931	-
	Belgium	-	-	-	378	-
	Chile	-	-	-	268	-
	France	149	-	-	224	-
	Germany	506	-	-	2,361	-
Rails and railway material:						
Rails-						
60 lbs. and under per lineal yard	United States	57	-	-	101	-

	Belgium	-	-	-	39	-	-
	Germany	19	-	-	414	-	-
	Netherlands	-	-	-	24	-	-
Over 60 lbs. up to and including 100 lbs. per lineal yard .....	United States	11	-	-	292	-	-
Over 100 lbs. per lineal yard ...	United States	279	-	-	294	-	-
Track material- Fish plates, angle bars, etc. ...	United States	3,987	-	-	4,433	-	-
	United Kingdom	-	-	-	1,383	-	-
	Belgium	-	-	-	2	-	-
	Germany	111	-	-	238	-	-
	Netherlands	-	-	-	1	-	-
Switch points, guard rails	United States	9	-	-	155	-	-
Other Railway material- Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	4	-	-	165	-	-
	United Kingdom	-	-	-	14	-	-
Steel wheels.....	United States	32	-	-	205	-	-
	United Kingdom	258	-	-	5,028	-	-
TOTAL IMPORTS .....		79,538	1,736	709.2	670,458	22,798	6,973.4

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steels with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels.

Commodity	Country of Origin	July, 1960	Seven Months Ended July, 1960
(Tons of 2,000 pounds)			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	31.9	154.6
Rounds over 4-7/8"			
Squares over 4" .....	United States	1.4	13.2
Cold rolled bars, n.o.p. ....	United States	-	11.6
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	34.8	1,247.6
n.o.p. 3" to 6" .....	United States	26.1	94.2
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	9.6	431.5
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	87.8	974.6
Over 60" up to and including 100" in width .....	United States	228.4	2,133.9
	United Kingdom	5.3	48.9
Over 100" in width .....	United States	-	53.0
Flanged or dished .....	United States	-	200.9
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	-	10.8
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	53.5	1,236.0
	United Kingdom	5.0	5.0
Over 51" in width .....	United States	101.8	1,117.9
	United Kingdom	9.9	42.6
Cold rolled-			
24" to 51" in width .....	United States	9.5	119.4
Over 51" in width .....	United States	-	65.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	77.6
Seamless hot finished - over 10-1/2" and including 16" O.D..	United States	-	16.5
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		605.0	8,177.1

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	July, 1960			Seven Months Ended July, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Tons of 2,000 pounds)					
United States .....	36,034	1,371	576.4	345,377	20,089	5,277.2
United Kingdom .....	21,127	138	79.9	164,215	1,720	1,135.2
Australia .....	-	-	-	747	-	-
Austria .....	122	6	-	684	72	-
Belgium (1) .....	10,276	-	-	65,387	-	-
Chile .....	-	-	-	268	-	-
Denmark .....	1	-	-	21	-	-
France .....	2,434	-	18.9	14,968	122	174.3
Germany .....	2,133	2	-	25,722	66	21.3
Italy .....	-	39	-	1,448	39	-
Japan .....	7,099	-	16.1	44,163	-	195.7
Netherlands .....	235	-	-	1,161	-	-
Norway .....	7	-	-	136	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	45	180	17.9	863	690	169.7
Switzerland .....	25	-	-	762	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	79,538	1,736	709.2	670,458	22,798	6,973.4

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	July, 1960	Seven Months Ended July, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	63,376	190,819
Sponge iron and primary iron n.o.p. ....	267	1,316
Ingots, blooms and billets .....	37,407	102,801
Castings, iron and steel .....	277	5,607
Forgings .....	343	2,163
Hot rolled bars including fabricated .....	647	16,526
Cold rolled bars .....	35	1,795
Wire rods .....	2,848	17,510
Plates .....	1,944	20,622
Hot rolled sheets and strips .....	10,028	69,451
Sheets and strips n.o.p. ....	7,230	63,774
Rails .....	426	3,279
Structural shapes .....	280	5,606
Pipes and tubing - Wrought iron .....	103	722
- Cast iron .....	10	645
- Galvanized .....	-	110
- Other .....	3,125	22,178
Total .....	128,346	524,924

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.





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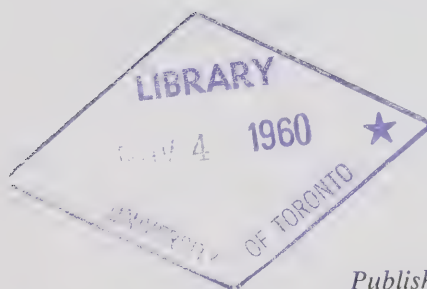
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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	August, 1960	Eight Months Ended August, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	85,415	1,183,516
(b) From foreign mines .....	210,165	1,295,015
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	84,649	705,921
(b) From foreign mines .....	14,614	539,699
(c) From own processing .....	147,077	1,132,966
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	10,511	114,580
Scrap iron and steel .....	7,936	80,143
Limestone .....	65,994	560,095
Dolomite .....	15,771	171,990
Coke .....	237,137	2,145,789

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, August

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	298,299	6,729	243,743	2,158
Foundry (including silvery pig)** .....	17,618	12,072	28,424	22,744
Malleable .....	43,262	28,468	56,597	19,830
Total pig iron .....	359,179	47,269	328,764	44,732
Ferro-alloys .....	10,854	11,116	10,852	11,175
Stocks of pig iron on hand at end of month.	303,354		365,400	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Eight Months Ended August

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig Iron</u>				
Basic .....	2,345,354	65,087	2,478,191	41,138
Foundry (including silvery pig)**	101,467	71,334	184,614	116,542
Malleable .....	287,585	271,609	277,740	229,284
Total pig iron .....	2,734,406	408,030	2,940,545	386,964
Ferro-alloys .....	80,974	85,305	98,161	90,887

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of August, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,958,900	81.2
Banked .....	-	-	-
Blown out .....	4	919,000	18.8
Total .....	15	4,877,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	August		Eight Months Ended August	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
(Tons of 2,000 pounds)				
Pig iron .....	285,365	252,259	2,271,383	2,419,715
Scrap - Own make .....	142,006	129,765	1,023,608	1,125,842
Purchased .....	111,244	102,217	858,614	938,053
Total pig iron and scrap .....	538,615	484,241	4,153,605	4,483,610

Table 7 - Production and Shipments of Steel Ingots and Castings, August

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel Ingots</u>				
Open hearth - Basic .....	438,925	20,397	373,993	5,634
Electric .....	38,865	4,168	50,507	5,752
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	477,790	24,565	424,500	11,386
Alloy steel ingots included in above ..	27,606	128	12,415	190
<u>Steel castings</u>				
Open hearth - basic .....	583	577	145	166
Electric .....	8,898	9,048	6,824	7,063
Other .....	-	-	-	-
Total steel castings .....	9,481	9,625	6,969	7,229
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	107	89	211	171
(b) High alloy, manganese and abrasion resistant .....	1,192	1,049	1,282	1,063
(c) All other alloys .....	292	278	167	160
Total alloy castings .....	1,591	1,416	1,660	1,394

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Eight Months Ended August

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	3,397,002	78,672	3,542,458	86,286
Electric .....	330,009	31,142	438,138	57,735
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	3,727,011	109,814	3,980,596	144,021
Alloy steel ingots included in above .....	168,557	864	165,730	5,343
<u>Steel castings</u>				
Open hearth - basic .....	10,037	9,870	1,954	2,422
Electric .....	51,550	50,162	65,200	65,752
Other .....	7	7	-	-
Total steel castings .....	61,594	60,039	67,154	68,174
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	1,166	1,204	1,688	1,676
(b) High alloy, manganese and abrasion resistant .....	10,448	9,947	12,377	12,248
(c) All other alloys .....	2,302	2,102	2,108	2,030
Total alloy castings .....	13,916	13,253	16,173	15,954

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	August 1960		Eight Months Ended August, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	2	77	81	1,639
Automotive industries .....	94	7	944	66
Agricultural, including implement and equipment manufacturers .....	24	-	644	9
Machinery and tools .....	1,076	216	9,830	2,466
Mining, Lumbering and quarrying industries .....	556	604	5,149	6,445
Oil and gas, including refineries .....	74	39	703	486
National defence .....	5	6	54	141
Public works and public utilities .....	6	49	245	345
Railway operating .....	3,012	98	25,335	1,519
Railway cars and locomotives .....	716	34	6,879	253
Shipbuilding .....	25	26	330	123
Miscellaneous and unclassified .....	245	238	1,944	2,462
Total shipments .....	5,835	1,394	52,220	15,954

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
Total eight months.	2,940,545	98,161	3,980,596	67,154	4,047,750



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, August, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	13,888	16,987
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	8,664	18,302
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,216	5,130
Total .....	27,768	40,419
Steel pipe fittings:		
(a) Buttwelding fittings .....	50	66
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	434	478
Total .....	484	544

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Eight Months Ended August, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	127,416	120,560
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	113,023	109,897
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	45,984	45,917
Total .....	286,423	276,374
Steel pipe fittings:		
(a) Buttwelding fittings .....	810	868
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	3,653	4,001
Total .....	4,463	4,869

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, August, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	44,565	44,361	14,094	30,267
(b) For forging and piercing ....	9,609	8,592	-	8,592
Rails .....	8,759	5,650	-	5,650
Wire rods .....	28,357	31,056	232	30,824
Structural shapes:				
(a) Heavy, including piling .....	13,420	10,775	-	10,775
(b) Light .....	5,824	4,250	-	4,250
Concrete reinforcing bars .....	38,419	36,389	-	36,389
Other hot rolled bars .....	20,001	20,392	824	19,568
Tie plates and track material:				
(a) Angle bars .....	119	175	-	175
(b) Tie plates .....	-	-	-	-
(c) Track spikes .....	157	290	-	290
Plates (including plates for pipes and tubes) .....	32,898	35,915	-	35,915
Hot rolled sheets and strip .....	161,054	165,976	119,604	46,372
Total all hot rolled products ...	363,182	363,821	134,754	229,067
<u>Cold rolled and coated</u>				
Cold finished bars .....	1,926	2,036	-	2,036
Cold reduced strip .....	3,340	5,569	-	5,569
Cold reduced sheets, tin mill black plate and tin plate .....	97,771	145,313	54,427	90,886
Galvanized sheets .....	24,003	23,724	-	23,724
Total all cold rolled and coated.	127,040	176,642	54,427	122,215
Grand total all carbon products .....	490,222	540,463	189,181	351,282
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing .....	1,818	2,034	-	2,034
Alloy plates .....	1	1	-	1
Other hot rolled bars, including high-speed steel and alloy tool steel .....	6,727	5,268	13	5,255
Structurals .....	-	-	-	-
Cold finished bars .....	340	472	-	472
Wire rods .....	56	56	-	56
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,511	2,576	-	2,576
Total all alloy products .....	11,453	10,407	13	10,394

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Eight Months Ended August, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	307,349	279,952	149,824	130,128
(b) For forging and piercing ...	126,104	117,166	-	117,166
Rails .....	165,702	162,712	-	162,712
Wire rods .....	253,425	256,598	1,961	254,637
Structural shapes:				
(a) Heavy, including piling ....	125,293	121,496	-	121,496
(b) Light .....	47,275	45,486	-	45,486
Concrete reinforcing bars .....	244,465	234,521	-	234,521
Other hot rolled bars .....	220,742	225,865	16,601	209,264
Tie plates and track material:				
(a) Angle bars .....	9,070	9,100	-	9,100
(b) Tie plates .....	27,356	27,798	-	27,798
(c) Track spikes .....	6,243	6,066	-	6,066
Plates (including plates for pipes and tubes) .....	335,886	344,463	535	343,928
Hot rolled sheets and strip .....	1,479,555	1,461,416	1,009,259	452,157
Total all hot rolled products ..	3,348,465	3,292,639	1,178,180	2,114,459
<u>Cold rolled and coated</u>				
Cold finished bars .....	22,710	21,970	-	21,970
Cold reduced strip .....	33,795	36,119	-	36,119
Cold reduced sheets, tin mill black plate and tin plate .....	946,355	966,257	418,332	547,925
Galvanized sheets .....	201,203	193,399	247	193,152
Total all cold rolled and coated	1,204,063	1,217,745	418,579	799,166
Grand total all carbon products ....	4,552,528	4,510,384	1,596,759	2,913,625
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing .....	6,933	7,177	6	7,171
Alloy plates .....	213	213	-	213
Other hot rolled bars, including high-speed steel and alloy tool steel .....	57,553	54,093	326	53,767
Structurals .....	-	-	-	-
Cold finished bars .....	4,139	3,773	-	3,773
Wire rods .....	931	967	3	964
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	18,991	18,731	-	18,731
Total all alloy products .....	88,956	85,150	531	84,619



Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.		August, 1960		Eight Months Ended August, 1960	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
4	Wholesalers and warehouses .....	31,954	604	354,234	7,465
5	Direct export:				
	(a) British Columbia .....	51,534	2,363	137,552	6,860
	(b) All other .....	40,144	782	174,022	5,518
6	Automotive industries .....	12,872	2,756	142,791	29,987
7	Agricultural, including implement and equipment manufacturers ...	6,709	303	57,177	1,901
8	Building construction .....	60,708	102	586,981	1,079
9	Container industry .....	37,031	15	255,733	153
10	Machinery and tools .....	13,682	1,221	123,357	12,006
11	Merchant trade products .....	29,456	402	285,277	5,298
12	Mining, lumbering, etc. ....	7,278	1,488	47,954	10,572
13	National defence .....	1,828	43	3,994	505
14	Pressing, forming and stamping ..	12,998	292	136,462	2,669
15	Public works and utilities .....	898	-	16,086	16
16	Railway operating .....	5,341	13	207,028	175
17	Railway cars and locomotives ....	1,662	-	43,063	225
18	Shipbuilding .....	2,948	10	23,347	152
19	Pipes and tubes .....	33,970	-	314,976	38
20	Miscellaneous and unclassified ..	269	-	3,591	-
	Net shipments .....	351,282	10,394	2,913,625	84,619

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, August

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	90	927	2,427	1,178	6,777
Export:						
British Empire ...	27,421	-	4,111	-	-	2,459
All other .....	6,427	266	43	-	-	-
Automotive .....	2,333	-	31	39	59	-
Agricultural, etc. ..	-	-	30	557	458	-
Building .....	-	173	2,293	5,173	1,982	22,439
Container .....	-	-	1	-	-	765
Machinery, etc. ....	97	78	129	420	57	445
Merchant trade .....	145	-	23,259	34	-	2,226
Mining, etc. ....	175	1,064	42	1,438	74	95
National defence ....	-	-	-	-	-	42
Pressing, etc. ....	2	-	13	26	420	-
Public works, etc. ..	-	-	-	4	-	807
Railway operating ...	-	3,838	-	5	-	276
Railway cars, etc. ..	478	141	1	393	13	-
Shipbuilding .....	-	-	-	259	9	-
Pipes and tubes .....	3,782	-	-	-	-	-
Miscellaneous .....	33	-	-	-	-	58
Net shipments ....	40,893	5,650	30,880	10,775	4,250	36,389

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 11 -

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
3,788	2	3,602	4,346	585	178	4,739	3,919	32,558
297	-	2,943	12,007	1	26	4,306	326	53,897
255	2	979	2,074	3	-	28,206	2,671	40,926
3,689	-	59	4,524	688	682	3,176	348	15,628
2,808	-	263	1,279	254	12	603	748	7,012
2,229	1	6,127	3,933	8	220	3,076	13,156	60,810
9	-	3	312	1	-	35,801	154	37,046
3,263	-	2,716	2,489	447	3,340	1,296	126	14,903
2,889	-	11	684	235	71	246	58	29,858
4,105	29	807	446	43	-	428	20	8,766
27	-	1,750	12	4	36	-	-	1,871
749	-	349	3,263	232	286	5,997	1,953	13,290
41	-	24	-	-	22	-	-	898
315	421	277	39	5	-	54	124	5,354
189	10	249	142	1	-	47	- 2	1,662
126	-	2,378	136	1	-	-	49	2,958
-	-	13,379	13,262	-	615	2,863	69	33,970
44	-	-	-	-	81	48	5	269
24,823	465	35,916	48,948	2,508	5,569	90,886	23,724	361,676

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Eight

Programme**	Semi-finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
						(Tons of
Wholesale, etc. ...	1	721	8,013	26,723	12,957	45,835
Export:						
British Empire .	102,577	-	10,220	-	-	4,781
All other .....	34,403	1,873	14,957	704	59	782
Automotive .....	9,775	6	32	620	618	12
Agricultural, etc..	66	-	482	4,014	3,985	2
Building .....	2,105	1,158	9,345	68,162	18,285	152,792
Container .....	-	-	15	-	-	765
Machinery, etc. ...	5,019	1,245	1,412	4,035	2,036	2,530
Merchant trade ....	3,333	-	209,880	1,082	809	12,525
Mining, etc. ....	1,172	5,487	703	3,763	478	453
National defence ..	86	-	-	196	-	214
Pressing, etc. ....	36	78	225	526	5,483	169
Public works, etc..	-	187	245	59	15	13,036
Railway operating .	35	151,614	70	891	122	291
Railway cars, etc..	9,675	249	1	8,450	468	19
Shipbuilding .....	7	24	1	2,167	170	-
Pipes and tubes ...	85,240	70	-	5	-	-
Miscellaneous .....	935	-	-	99	1	315
Net shipments ..	254,465	162,712	255,601	121,496	45,486	234,521

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Months Ended August, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
38,576	88	51,145	60,289	6,536	2,273	66,625	41,917	361,699
1,944	-	3,071	15,950	70	90	5,363	346	144,412
5,112	55	16,982	47,936	161	-	48,511	8,005	179,540
39,304	-	2,313	75,738	6,842	6,237	29,049	2,232	172,778
21,929	-	2,867	14,774	2,763	375	6,126	1,695	59,078
25,794	60	115,727	42,140	210	2,882	35,489	113,911	588,060
39	10	19	3,647	6	27	250,092	1,266	255,886
29,729	53	35,649	23,813	3,571	10,296	13,856	2,119	135,363
47,444	52	320	6,344	2,346	570	5,235	635	290,575
31,944	625	6,183	3,772	434	79	3,195	238	58,526
610	-	2,727	73	217	351	-	25	4,499
7,585	-	5,876	36,417	2,378	4,290	59,925	16,143	139,131
461	95	601	10	-	1,017	376	-	16,102
5,052	41,877	4,257	1,693	71	-	423	807	207,203
5,887	18	12,095	4,782	8	-	606	1,030	43,288
1,201	31	18,241	1,086	77	-	25	469	23,499
-	-	65,995	132,370	6	6,857	22,398	2,073	315,014
420	-	73	54	47	775	631	241	3,591
263,031	42,964	344,141	470,888	25,743	36,119	547,925	193,152	2,998,244

\*\* Abbreviations correspond to headings in Table 15.



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	August, 1960		Eight Months Ended August, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy Stainless
(Tons of 2,000 pounds)						
<u>Pig iron:</u>						
Other .....	United States	-	-	-	288	-
	United Kingdom	45	-	-	90	-
	Australia	119	-	-	674	-
	Spain	-	-	-	4,480	-
	U.S.S.R.	-	-	-	56	-
<u>Ingots and semi-finished:</u>						
Ingots .....	United States	-	13	4.0	451	184 63.6
	United Kingdom	-	-	-	7	-
Billets, blooms, slabs and sheet bars	United States	168	2	38.6	467	365 480.5
	United Kingdom	-	-	8.0	3	- 34.1
<u>Bars and sections:</u>						
Hot rolled bars, n.o.p. ....	United States	1,065	299	4.4	9,014	1,478 97.4
	United Kingdom	138	169	24.9	1,294	520 107.2
	Austria	-	3	-	8	10 -
	Belgium	894	-	-	7,469	- -
	France	146	-	-	1,221	- -
	Germany	31	-	-	283	- -
	Japan	157	-	-	1,359	- -
	Sweden	50	-	-	307	13 .5
Hot rolled bars for agricultural implements .....	United States	116	10	-	3,218	275 -
Rounds over 4 7/8", squares over 4" .	United States	83	2	.8	956	41 4.8
	United Kingdom	14	7	5.2	174	33 9.4
	Belgium	-	-	-	20	- -
Concrete reinforcing bars .....	United States	-	-	-	92	- -
	United Kingdom	-	-	-	50	- -
	Belgium	4,334	-	-	12,749	- -

France	94	-	-	2,501	-
Germany	770	-	-	1,655	-
Japan	1,079	-	-	5,418	-
Norway	-	-	-	34	-
United States	89	-	-	1,455	-
United Kingdom	53	-	-	219	-
Belgium	-	-	-	211	-
United States	126	314	12.3	1,198	516
United Kingdom	774	2	8.0	3,165	20
Austria	-	-	-	-	2
Belgium	60	-	-	591	-
France	-	-	-	2	-
Germany	1	6	-	23	6
Sweden	2	-	-	12	-
United States	5	-	-	175	4
Cold rolled bars for agricultural implements					
United States	115	73	-	1,920	929
United Kingdom	18	54	-	78	307
Austria	-	28	-	10	91
France	-	-	-	-	122
Germany	-	3	-	-	30
Sweden	1	10	-	10	143

- 15 -

#### Tool steel:

All forms and sizes

#### Structural shapes:

Wide flange beams

United States	20,253	-	-	159,345	-
United Kingdom	3,570	-	-	61,268	-
Belgium	1,367	-	-	13,475	-
France	-	-	-	89	-
Germany	38	-	-	2,154	-
United States	196	-	-	6,839	-
United Kingdom	726	-	-	7,550	-
Belgium	387	-	-	8,696	-
France	-	-	-	49	-
Germany	-	-	-	824	-
Sheet piling					

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	August, 1960		Eight Months Ended August, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Structural shapes (Concluded):					
Structurals, n.o.p. 3" to 6" .....	United States	678	.3	7,042	14.9
	United Kingdom	166	-	1,384	1.2
	Belgium	1,169	-	10,739	-
	France	513	-	3,206	-
	Germany	-	-	257	-
	Japan	-	-	185	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....	United States	2,119	-	23,240	-
	United Kingdom	181	-	4,040	-
	Belgium	576	-	7,614	-
	France	95	-	2,383	-
Bar size structurals, n.o.p. ....	United States	211	3.8	3,230	100.0
	United Kingdom	-	.2	422	1.2
	Belgium	1,458	-	9,372	-
	France	170	-	1,279	-
	Germany	50	-	982	-
	Italy	-	-	121	-
	Japan	20	-	386	-
	Netherlands	5	-	5	-
	Norway	-	-	18	-
	Sweden	-	.8	-	20.9
Bar size structurals for agricultural implements .....	United States	4	-	1,429	18
	Germany	-	-	40	-
Plates:					
60" and under in width .....	United States	317	17	8.9	233
	United Kingdom	639	-	25.6	1
	Austria	-	-	-	-
				5,055	276.5
				3,366	159.9
				11	-

	Belgium	911	-	-	1,708	-	-
	France	-	-	-	120	-	-
	Germany	-	-	-	1,776	-	-
	Japan	1,024	-	-	6,263	-	-
	Sweden	-	-	-	-	-	27.1
Over 60" up to and including 100" in width .....	United States	960	16	31.1	12,666	277	628.8
	United Kingdom	1,117	-	-	8,400	-	3.2
	Austria	-	-	-	67	-	-
	Belgium	31	-	-	1,007	-	-
	France	-	-	-	615	-	-
	Germany	28	-	-	5,932	-	-
	Japan	2,200	-	-	14,507	-	-
	Sweden	-	-	-	-	-	19.5
Over 100" in width .....	United States	476	-	4.9	3,914	115	28.1
	United Kingdom	327	-	-	1,588	-	13.5
	Germany	17	-	-	858	-	-
Flanged or dished .....	United States	147	-	6.2	2,247	65	59.3
	United States	546	-	-	8,794	-	6.0
	United Kingdom	3	-	-	1,513	-	-
	Belgium	-	-	-	69	-	-
	France	30	-	-	58	-	-
	Germany	-	-	-	156	-	-
	Japan	49	-	-	179	-	-

Sheets and strip (except stainless):

Hot rolled-							
Under 12" in width .....	United States	260	-	-	4,412	53	-
	United Kingdom	1	-	-	301	2	-
	Belgium	382	-	-	1,701	-	-
	France	-	-	-	227	-	-
	Germany	11	-	-	11	-	-
	Japan	25	-	-	73	-	-
12" up to but not including 24" in width .....	United States	99	4	-	598	53	-
	United Kingdom	-	-	-	4	-	-



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	August, 1960		Eight Months Ended August, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (Continued)					
Hot rolled- (continued)					
24" to 51" in width .....	United States	272	-	5,194	303
	United Kingdom	-	-	555	-
	Belgium	164	-	164	-
	France	-	-	42	-
	Germany	-	-	18	-
	Japan	81	-	1,484	-
Over 51" in width .....	United States	1,015	5	12,343	5
	United Kingdom	41	-	105	-
	Belgium	-	-	41	-
	Germany	-	-	33	-
	Japan	-	-	68	-
Cold rolled-					
Under 24" in width .....	United States	286	4	2,972	72
	United Kingdom	108	-	374	-
	Belgium	-	-	82	-
	Germany	-	-	97	-
	Sweden	52	-	152	1
24" to 51" in width .....	United States	286	-	5,040	5
	United Kingdom	108	-	1,740	-
	Australia	-	-	128	-
	Japan	-	-	72	-
	Sweden	1	-	5	-
Over 51" in width .....	United States	572	-	9,777	-
	United Kingdom	-	-	47	-
Enamelling grade .....	United States	441	-	9,425	-
	United Kingdom	85	-	781	-

Aluminized .....	United States United Kingdom	150 -	- -	- -	1,139 5	- -
Coated (other than metal or asbestos bonded) .....	United States United Kingdom Germany	547 150 57	- - -	- - -	6,683 470 163	- - -
Asbestos bonded (includes galvanized and corrugated) ....	United States United Kingdom	95 79	- -	- -	1,631 263	- -
Metal coated, n.o.p. ....	United States United Kingdom Germany	24 1 24	- - -	- - -	904 1 104	- - -
Electro galvanized .....	United States United Kingdom	122 6	- -	- -	1,136 81	- -
Galvanized, n.o.p. ....	United States United Kingdom Germany Japan	124 4 10 20	- - - -	- - - -	2,515 267 19 35	14 - - -
Electrical (silicon content 2.90 or more) .....	United States United Kingdom Sweden	- - -	706 - -	- - -	- - -	11,069 195 1
Electrical, n.o.p. ....	United States United Kingdom	- -	82 -	- -	- -	605 70
Saw steel .....	United States United Kingdom France Germany Sweden	5 - - - -	39 1 4 - 42	- - - - -	120 - - - -	1,041 49 4 1 222
Hot rolled wasters .....	United States United Kingdom	93 -	- -	- -	409 28	- -
Cold rolled wasters .....	United States United Kingdom	538 330	- -	- -	2,105 1,358	- -

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	August, 1960		Eight Months Ended August, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (Concluded)					
Black plate .....	United States	27	-	187	-
Tin plate primes .....	United States	96	-	761	-
	United Kingdom	7	-	22	-
	Australia	-	-	41	-
Tin plate electrolytic .....	United States	-	-	286	-
	United Kingdom	90	-	4,602	-
Tin plate wasters and seconds .....	United States	-	-	100	-
Terne plate long .....	United States	467	-	5,668	-
	United Kingdom	-	-	120	-
	Australia	-	-	22	-
Terne plate short .....	United States	-	-	296	-
Strip for hoop .....	United States	21	-	489	-
	United Kingdom	9	-	125	-
	Belgium	5	-	7	-
	Japan	-	-	6	-

Stainless sheets and strip:

Hot rolled-

Under 24" in width 18 gauge  
and heavier .....

United States  
United Kingdom

.7  
.5

19.5  
1.8

Under 24" in width lighter  
than 18 gauge .....

United States  
United Kingdom

.1  
-

2.7  
.3

24" up to and including 51" in  
width 18 gauge and heavier .....

United States  
United Kingdom

27.9  
74.4

111.5  
375.2

	Japan	-	-	-	-	-	.1
	Sweden	-	-	-	-	-	66.1
24" up to and including 51" in width lighter than 18 gauge .....	United States	-	-	-	1.9	-	28.1
	United Kingdom	-	-	-	8.0	-	73.6
	Japan	-	-	-	-	-	1.0
Over 51" in width 18 gauge and heavier .....	United States	-	-	-	13.6	-	70.2
	Sweden	-	-	-	-	-	20.1
Over 51" in width lighter than 18 gauge .....	United States	-	-	-	-	-	2.0
Cold rolled-							
Under 24" in width 18 gauge and heavier .....	United States	-	-	-	45.1	-	240.4
	United Kingdom	-	-	-	6.2	-	15.9
Under 24" in width lighter than 18 gauge .....	United States	-	-	-	100.7	-	859.6
	United States	-	-	-	103.2	-	1,605.8
	United Kingdom	-	-	-	73.7	-	427.3
	France	-	-	-	-	-	139.3
	Japan	-	-	-	37.4	-	232.0
	Sweden	-	-	-	2.3	-	8.3

Plate, sheet and strip for pipes and tubes:

Hot rolled-							
15-3/8" and under in width .....	United States	-	-	-	-	12,964	-
	United Kingdom	536	-	-	-	4,980	-
	Netherlands	-	-	-	-	167	-
Over 15-3/8" in width .....	United States	-	-	-	-	1,231	-
Hot rolled plate for pipe .....	United States	-	-	-	-	1,978	-
	France	-	-	-	-	153	-
	Germany	-	-	-	-	654	-
	Italy	-	-	-	-	166	-
	Japan	-	-	-	-	714	-
Cold rolled .....	United States	-	-	-	-	51	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	August, 1960		Eight Months Ended August, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Pipes and tubes:					
Spiral Welded .....	United States	65	-	1,093	-
	Germany	25	-	25	-
Cast .....	United States	55	-	1,455	-
	United Kingdom	2,240	-	11,625	-
For pressure parts of boilers -					
Seamless hot finished .....	United States	149	2	705	255
	United Kingdom	76	-	373	37
	Germany	-	-	114	-
	Sweden	-	-	1	-
Seamless cold drawn .....	United States	11	-	212	47
	United Kingdom	59	2	284	64
	France	-	-	30	-
	Germany	-	-	14	-
	United States	31	-	124	-
	United Kingdom	272	-	2,075	-
	France	-	-	21	-
	Germany	-	-	113	-
	Switzerland	172	-	933	-
Seamless cold drawn, n.o.p. ....	United States	134	7	1,616	56
	United Kingdom	33	-	432	25
	Belgium	98	-	98	-
	France	-	-	-	-
	Germany	29	-	103	-
	Sweden	6	-	91	1
	United States	14.7	14.7	1,616	171.2
	United Kingdom	9.4	9.4	432	93.5
	Belgium	-	-	98	-
	France	-	-	-	-
	Germany	-	-	103	35.0
	Sweden	.3	.3	91	9.8
Mechanical tubing .....	United States	341	63	6,572	2,780
	United Kingdom	41	-	649	80
	France	-	-	137	-
	Germany	12	60	132	98
	Japan	-	-	12	-
	Netherlands	5	-	60	-
	Sweden	-	448	136	800

Seamless hot finished, n.o.p. - Up to and including 6-5/8" O.D. .	United States	50	4	.1	683	75	14.6
	United Kingdom	73	-	-	444	490	-
	Germany	-	-	-	131	-	-
	Italy	-	-	-	-	4	-
	Japan	-	-	-	104	-	-
	Sweden	-	-	-	1	-	-
Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....	United States	3	4	-	79	23	-
	United Kingdom	30	3	-	146	9	-
	Germany	-	-	-	3	-	-
	Italy	-	5	-	1	40	-
Over 10-1/2" O.D. up to and including 16" O.D. ....	United States	468	11	-	1,260	21	-
	United Kingdom	627	37	-	3,273	81	-
	Italy	-	-	-	2	-	-
Over 16" O.D. ....	United States	157	-	-	1,159	2	-
	United Kingdom	-	-	-	1,819	-	-
	Italy	-	-	-	115	-	-
Drill pipe .....	United States	124	-	-	1,501	-	-
Welded n.o.p. - Up to and including 4-1/2" O.D. .	United States	178	-	11.7	1,468	-	115.2
	United Kingdom	1,101	-	.2	3,613	-	5.0
	Belgium	88	-	-	185	-	-
	France	160	-	-	1,336	-	-
	Germany	505	-	-	2,967	-	-
	Japan	34	-	-	651	-	-
	Netherlands	72	-	-	323	-	-
	Norway	-	-	-	36	-	-
	Sweden	2	-	-	10	-	-
	Switzerland	-	-	-	1	-	-
Over 4-1/2" O.D. up to and including 16" O.D. ....	United States	111	-	6.8	999	2	43.1
	Germany	-	-	-	131	-	-
	Sweden	-	-	-	5	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	August, 1960			Eight Months Ended August, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Pipes and tubes: - (Concluded)							
Welded n.o.p. - (concluded)							
Over 16" O.D. ....	United States	29	-	.2	1,240	1	2.7
	United Kingdom	-	-	-	13,350	-	-
	Germany	-	-	-	-	-	21.3
Oil country tubing up to and including 3-1/2" O.D. ....	United States	337	-	-	1,979	-	.1
	United Kingdom	-	-	-	2,130	-	-
	France	-	-	-	214	-	-
	Italy	-	-	-	414	-	-
	Japan	39	-	-	2,204	-	-
Casing -							
J-55 and H-40 ....	United States	83	-	-	1,194	-	-
	United Kingdom	119	-	-	3,903	-	-
	France	-	-	-	819	-	-
	Germany	190	-	-	521	-	-
	Italy	-	-	-	629	-	-
	Japan	-	-	-	12,599	-	-
All other casing ....	United States	26	-	-	3,599	-	-
	United Kingdom	-	-	-	2,005	-	-
	France	-	-	-	664	-	-
	Germany	-	-	-	336	-	-
	Japan	-	-	-	576	-	-
Conduit ....	United States	37	-	-	761	-	-

Wire products:

Wire-

For wire rope ....	United States	13	-	.3	336	-	2.1
	United Kingdom	1,390	-	-	9,754	-	-
	Germany	333	-	-	2,471	-	-
	Japan	212	-	-	423	-	-

For springs, cushions, etc. ....	United States	20	-	-	97	-	-
	United Kingdom	-	-	-	16	-	-
	Japan	22	-	-	133	-	-
For corset clasps, dress stays, etc. ....	United States	3	-	-	41	-	-
	United Kingdom	3	-	-	26	-	-
	Germany	-	-	-	9	-	-
Coated - (tin, copper, plastic, paper, paint, etc.) ..	United States	12	-	.1	172	1	2.5
	United Kingdom	7	-	-	71	-	.3
	Austria	-	-	-	19	-	-
	Belgium	-	-	-	1	-	-
	Germany	-	-	-	70	-	-
	Japan	-	-	-	8	-	-
Galvanized fence wire .....	United States	-	-	-	20	-	-
	United Kingdom	168	-	-	1,233	-	-
	Belgium	-	-	-	58	-	-
	France	-	-	-	134	-	-
	Germany	117	-	-	900	-	-
Galvanized, n.o.p. ....	United States	21	-	-	213	-	-
	United Kingdom	176	-	-	1,068	-	-
	Austria	2	-	-	135	-	-
	Belgium	-	-	-	184	-	-
	France	-	-	-	14	-	-
	Germany	-	-	-	72	-	-
	Japan	40	-	-	474	-	-
	Netherlands	-	-	-	5	-	-
Wire, n.o.p. ....	United States	74	9	11.4	1,174	58	59.0
	United Kingdom	102	1	9.1	1,560	4	20.6
	Austria	15	-	-	451	-	-
	Belgium	3	-	-	561	-	-
	Denmark	1	-	-	1	-	-
	France	125	-	-	453	-	-
	Germany	10	-	-	175	-	-
	Japan	86	-	.5	394	-	.5
	Netherlands	-	-	-	63	-	-
	Sweden	5	-	-	115	-	-



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel - Concluded

Commodity	Country of Origin	August, 1960		Eight Months Ended August, 1960			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
<u>Wire products: - (Concluded)</u>							
<u>Wire- (concluded)</u>							
Wire rope .....	United States	7	-	.4	124	-	212.8
	United Kingdom	339	-	-	2,062	-	.2
	Belgium	10	-	.3	89	-	.3
	Denmark	-	-	-	21	-	-
	France	82	-	-	392	-	-
	Germany	37	-	-	678	-	-
	Japan	231	-	-	882	-	-
	Netherlands	114	-	-	709	-	-
	Norway	-	-	-	34	-	-
	Sweden	-	-	-	20	-	-
Welding rods (cut length) .....	United States	127	67	29.3	1,547	699	232.1
	United Kingdom	156	-	-	440	9	-
	Australia	1	-	-	2	-	-
	Sweden	10	-	-	127	-	.8
Welding wire in coil form (excludes wire for the manufac- ture of welding rods) .....	United States	19	8	1.9	447	83	23.6
	United Kingdom	4	-	-	10	-	-
	Belgium	1	-	-	15	-	-
	Japan	55	-	-	328	-	-
Wire rods (all sizes) .....	United States	-	-	-	247	-	19.4
	United Kingdom	171	-	-	1,102	-	-
	Belgium	220	-	-	598	-	-
	Chile	-	-	-	268	-	-
	France	-	-	-	224	-	-
	Germany	373	-	-	2,734	-	-

## Rails and railway material:

### Rails-

60 lb. and under per lineal yard      United States

101

	Belgium	-	-	-	39	-
	Germany	89	-	-	503	-
	Netherlands	-	-	-	24	-
Over 60 lb. up to and including 100 lb. perlineal yard .....	United States	60	-	-	352	-
	United Kingdom	151	-	-	151	-
	Germany	24	-	-	24	-
Over 100 lb. per lineal yard ....	United States	-	-	-	294	-
Track material-						
Fish plates, angle bars, etc. ...	United States	24	-	-	4,457	-
	United Kingdom	-	-	-	1,383	-
	Belgium	-	-	-	2	-
	Germany	3	-	-	241	-
	Netherlands	-	-	-	1	-
Switch points, guard rails .....	United States	22	-	-	177	-
	United Kingdom	9	-	-	9	-
Other Railway material-						
Axles .....	United States	-	-	-	65	-
Steel tires .....	United States	3	-	-	168	-
	United Kingdom	-	-	-	14	-
Steel wheels .....	United States	96	-	-	301	-
	United Kingdom	529	-	-	5,557	-
TOTAL IMPORTS .....		75,672	2,646	800.8	746,130	25,444 7,774.2

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels is generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	August, 1960	Eight Months Ended August, 1960
		(Tons of 2,000 pounds)	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	27.5	182.1
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	13.2
Cold rolled bars, n.o.p. ....	United States	-	11.6
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	86.7	1,334.3
n.o.p. 3" to 6" .....	United States	2.5	96.7
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	10.1	441.6
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	128.7	1,103.3
Over 60" up to and including 100" in width .....	United States	186.0	2,319.9
	United Kingdom	-	48.9
Over 100" in width .....	United States	2.6	55.6
Flanged or dished .....	United States	1.5	202.4
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	-	10.8
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	31.0	1,267.0
	United Kingdom	-	5.0
Over 51" in width .....	United States	22.3	1,140.2
	United Kingdom	40.8	83.4
Cold rolled-			
24" to 51" in width .....	United States	5.0	124.4
Over 51" in width .....	United States	-	65.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	77.6
Seamless hot finished - over 10-1/2" and including 16" O.D..	United States	-	16.5
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		544.7	8,721.8

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	August, 1960			Eight Months Ended August, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)						
United States ....	36,104	1,761	505.8	381,481	21,850	5,783.0
United Kingdom ...	17,202	276	253.4	181,417	1,996	1,388.6
Australia .....	120	-	-	867	-	-
Austria .....	17	31	-	701	103	-
Belgium (1) .....	12,158	-	.3	77,545	-	.3
Chile .....	-	-	-	268	-	-
Denmark .....	1	-	-	22	-	-
France .....	1,415	4	-	16,383	126	174.3
Germany .....	2,784	69	-	28,506	135	21.3
Italy .....	-	5	-	1,448	44	-
Japan .....	5,374	-	37.9	49,537	-	233.6
Netherlands .....	196	-	-	1,357	-	-
Norway .....	-	-	-	136	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	129	500	3.4	992	1,190	173.1
Switzerland .....	172	-	-	934	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	75,672	2,646	800.8	746,130	25,444	7,774.2

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	August, 1960	Eight Months Ended August, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	49,490	240,309
Sponge iron and primary iron n.o.p. ....	266	1,582
Ingots, blooms and billets .....	78,027	180,828
Castings, iron and steel .....	334	5,941
Forgings .....	237	2,400
Hot rolled bars including fabricated .....	2,372	18,898
Cold rolled bars .....	193	1,988
Wire rods .....	8,429	25,939
Plates .....	7,503	28,125
Hot rolled sheets and strips .....	13,416	82,867
Sheets and strips n.o.p. ....	20,242	84,016
Rails .....	259	3,538
Structural shapes .....	1,575	7,181
Pipes and tubing - Wrought iron .....	-	722
- Cast iron .....	8	653
- Galvanized .....	4	114
- Other .....	5,565	27,743
Total .....	187,920	712,844

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.





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CANADA

# PRIMARY IRON AND STEEL

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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	September, 1960	Nine Months Ended September, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	105,619	1,289,135
(b) From foreign mines .....	199,348	1,494,363
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	71,140	777,061
(b) From foreign mines .....	54,287	593,986
(c) From own processing .....	136,526	1,269,492
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	11,034	125,614
Scrap iron and steel .....	6,398	86,541
Limestone .....	63,601	623,696
Dolomite .....	21,182	193,172
Coke .....	244,176	2,389,965

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, September

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	310,956	10,908	267,369	16,510
Foundry (including silvery pig)** ....	22,263	9,783	18,755	24,462
Malleable .....	29,202	58,512	55,662	42,778
Total pig iron .....	362,421	79,203	341,786	83,750
Ferro-alloys .....	11,627	8,853	8,878	11,359
Stocks of pig iron on hand at end of month		289,044		351,652

\* Includes amounts for sale and for own use

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Nine Months Ended September

	1 9 5 9		1 9 6 0	
	Tonnage made *	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<b>Pig Iron</b>				
Basic .....	2,656,310	75,995	2,745,560	57,648
Foundry (including silvery pig)**.	123,730	81,117	203,369	141,004
Malleable .....	316,787	330,121	333,402	272,062
Total pig iron .....	3,096,827	487,233	3,282,331	470,714
<b>Ferro-alloys</b> .....	92,601	94,158	107,039	102,246

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of September, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,758,900	77.1
Banked .....	1	200,000	4.1
Blown out .....	4	919,000	18.8
Total .....	16 <sup>(1)</sup>	4,877,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.  
(1) Number of furnaces for August should have read 16

(b) Steel Ingots and Steel CastingsTable 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
<b>Ingots - Basic open hearth</b> .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
<b>Steel castings</b> .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	September		Nine months Ended September	
	1959	1960	1959	1960
(Tons of 2,000 pounds)				
Pig iron .....	296,057	269,221	2,567,440	2,688,936
Scrap - Own make .....	137,544	133,727	1,161,152	1,259,569
Purchased .....	123,171	95,976	981,785	1,034,029
Total pig iron and scrap .....	556,772	498,924	4,710,377	4,982,534

Table 7 - Production and Shipments of Steel Ingots and Castings, September

	1959		1960	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel Ingots</u>				
Open hearth - Basic .....	445,099	24,339	391,073	2,728
Electric .....	46,539	3,505	51,565	7,148
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	491,638	27,844	442,638	9,876
Alloy steel ingots included in above .	18,148	-	18,590	445
<u>Steel Castings</u>				
Open hearth - Basic .....	1,225	1,129	134	134
Electric .....	10,283	10,581	7,800	6,483
Other .....	-	-	3	3
Total steel castings .....	11,508	11,710	7,937	6,620
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	194	155	220	209
(b) High alloy, manganese and abrasion resistant .....	1,118	1,101	1,575	1,372
(c) All other alloys .....	421	325	494	342
Total alloy castings .....	1,733	1,581	2,289	1,923

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

# Primary Iron and Steel

- 4 -

Table 8 - Production and Shipments of Steel Ingots and Castings, Nine Months Ended September

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
<u>Steel Ingots</u>				
	(Tons of 2,000 pounds)			
Open hearth - basic .....	3,842,101	103,011	3,933,531	89,014
Electric .....	376,548	34,647	489,703	64,883
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	4,218,649	137,658	4,423,234	153,897
Alloy steel ingots included in above ..	186,705	864	184,320	5,788
<u>Steel castings</u>				
Open hearth - basic .....	11,262	10,999	2,088	2,556
Electric .....	61,833	60,743	73,000	72,235
Other .....	7	7	3	3
Total steel castings .....	73,102	71,749	75,091	74,794
Alloy steel castings included in above:				
(a) High alloy, except mananese and abrasion resistant .....	1,360	1,359	1,908	1,885
(b) High alloy, manganese and abrasion resistant .....	11,566	11,048	13,952	13,620
(c) All other alloys .....	2,723	2,427	2,602	2,372
Total alloy castings .....	15,649	14,834	18,462	17,877

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with an alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings.

	September, 1960		Nine Months Ended September, 1960	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	5	138	86	1,777
Automotive industries .....	91	11	1,035	77
Agricultural, including implement and equipment manufacturers .....	83	-	727	9
Machinery and tools .....	1,180	341	11,010	2,807
Mining, Lumbering and quarrying industries	618	934	5,767	7,379
Oil and gas, including refineries .....	55	13	758	499
National defence .....	4	12	58	153
Public works and public utilities .....	8	19	253	364
Railway operating .....	2,081	174	27,416	1,693
Railway cars and locomotives .....	384	10	7,263	263
Shipbuilding .....	32	14	362	137
Miscellaneous and unclassified .....	156	257	2,100	2,719
Total shipments .....	4,697	1,923	56,917	17,877

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Primary Iron and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Tons of 2,000 pounds)					
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
Total nine months	3,282,331	107,039	4,423,234	75,091	4,498,325



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings,  
September, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	13,930	15,554
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	19,493	14,853
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,451	5,148
Total .....	39,874	35,555
Steel pipe fittings:		
(a) Buttwelding fittings .....	55	69
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings ..	566	560
Total .....	621	629

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Nine  
Months Ended September, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	141,346	136,114
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	132,516	124,750
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	52,435	51,065
Total .....	326,297	311,929
Steel pipe fittings:		
(a) Buttwelding fittings .....	865	937
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings ....	4,219	4,561
Total .....	5,084	5,498

\* Comparable data for previous year not available.

(1) Included with other.

Primary Iron and Steel

- 7 -

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products,  
September, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	43,777	43,027	9,904	33,123
(b) For forging and piercing ....	6,278	6,781	-	6,781
Rails .....	14,033	11,065	-	11,065
Wire rods .....	28,908	26,058	-	26,058
Structural shapes:				
(a) Heavy, including piling .....	11,322	11,315	-	11,315
(b) Light .....	5,207	4,908	-	4,908
Concrete reinforcing bars .....	34,965	37,598	-	37,598
Other hot rolled bars .....	24,586	23,230	2,107	21,123
Tie plates and track material:				
(a) Angle bars .....	452	484	-	484
(b) Tie plates .....	2,228	2,112	-	2,112
(c) Track spikes .....	297	307	-	307
Plates (including plates for pipes and tubes) .....	32,928	29,158	-	29,158
Hot rolled sheets and strip .....	146,036	149,377	101,937	47,440
Total all hot rolled products ..	351,017	345,420	113,948	231,472
<u>Cold rolled and coated</u>				
Cold finished bars .....	2,058	2,017	-	2,017
Cold reduced strip .....	4,169	4,198	-	4,198
Cold reduced sheets, tin mill black plate and tin plate .....	126,330	122,747	53,951	68,796
Galvanized sheets .....	23,490	22,024	-	22,024
Total all cold rolled and coated	156,047	150,986	53,951	97,035
Grand total all carbon products ....	507,064	496,406	167,899	328,507
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing ....	535	535	-	535
Alloy plates .....	70	70	-	70
Other hot rolled bars, including high-speed steel and alloy tool steel .....	5,848	6,825	57	6,768
Structurals .....	-	-	-	-
Cold finished bars .....	466	386	-	386
Wire rods .....	44	35	-	35
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,276	2,368	-	2,368
Total all alloy products .....	9,239	10,219	57	10,162

## Primary Iron and Steel

- 8 -

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Nine Months Ended September, 1960

	Production	Total of all Shipments	Shipments for further processing	Net Shipments
			(Tons of 2,000 pounds)	
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	351,126	322,979	159,728	163,251
(b) For forging and piercing	132,382	123,947	-	123,947
Rails .....	179,735	173,777	-	173,777
Wire rods .....	282,333	282,656	1,961	280,695
Structural shapes:				
(a) Heavy, including piling	136,615	132,811	-	132,811
(b) Light .....	52,482	50,394	-	50,394
Concrete reinforcing bars ...	279,430	272,119	-	272,119
Other hot rolled bars .....	245,328	249,095	18,708	230,387
Tie plates and track material:				
(a) Angle bars .....	9,522	9,584	-	9,584
(b) Tie plates .....	29,584	29,910	-	29,910
(c) Track spikes .....	6,540	6,373	-	6,373
Plates (including plates for pipes and tubes) .....	368,814	373,621	535	373,086
Hot rolled sheets and strip	1,625,591	1,610,793	1,111,196	499,597
Total all hot rolled products .....	3,699,482	3,638,059	1,292,128	2,345,931
<u>Cold rolled and coated</u>				
Cold finished bars .....	24,768	23,987	-	23,987
Cold reduced strip .....	37,964	40,317	-	40,317
Cold reduced sheets, tin mill black plate and tin plate ..	1,103,820	1,089,004	472,283	616,721
Galvanized sheets .....	224,693	215,423	247	215,176
Total all cold rolled and coated .....	1,391,245	1,368,731	472,530	896,201
Grand total all carbon products .....	5,090,727	5,006,790	1,764,658	3,242,132
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing	7,468	7,712	6	7,706
Alloy plates .....	283	283	-	283
Other hot rolled bars, including high-speed steel and alloy tool steel .....				
Structurals .....	63,401	60,918	383	60,535
Cold finished bars .....	4,605	4,159	-	4,159
Wire rods .....	975	1,002	3	999
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....				
Total all alloy products .	21,267	21,099	-	21,099
	98,195	95,369	588	94,781

(1) Eight months ended August, should have read 977,490 tons.

Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	September, 1960		Nine Months Ended September, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
4 Wholesalers and warehouses .....	35,301	596	389,535	8,061
5 Direct export:				
(a) British Columbia .....	15,022	942	152,574	7,802
(b) All other .....	62,644	632	236,666	6,150
6 Automotive industries .....	14,029	4,368	156,820	34,355
7 Agricultural, including implement and equipment manufacturers .....	6,715	153	63,892	2,054
8 Building construction .....	64,045	105	651,026	1,184
9 Container industry .....	26,493	73	282,226	226
10 Machinery and tools .....	12,571	1,246	135,928	13,252
11 Merchant trade products .....	32,021	625	317,298	5,923
12 Mining, lumbering, etc. ....	4,797	1,058	52,751	11,630
13 National defence .....	119	44	4,113	549
14 Pressing, forming and stamping .....	14,067	262	150,529	2,931
15 Public works and utilities .....	1,622	-	17,708	16
16 Railway operating .....	1,920	22	208,948	197
17 Railway cars and locomotives .....	1,333	25	44,396	250
18 Shipbuilding .....	1,932	11	25,279	163
19 Pipes and tubes .....	33,442	-	348,418	38
20 Miscellaneous and unclassified .....	434	-	4,025	-
Net shipments .....	328,507	10,162	3,242,132	94,781

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, September

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	250	1,121	2,471	1,101	7,064
Export:						
British Empire .....	10,549	-	1,248	-	-	116
All Other .....	22,687	9,142	1	17	-	1,112
Automotive .....	2,153	-	-	30	58	-
Agriculture, etc. ....	26	-	5	387	588	-
Building .....	-	104	333	7,012	2,459	23,991
Container .....	-	-	2	-	-	-
Machinery, etc. ....	403	8	68	320	79	741
Merchant trade .....	196	-	23,251	13	34	2,917
Mining, etc. ....	172	516	49	26	80	154
National defence .....	-	-	-	-	-	-
Pressing, etc. ....	23	-	14	80	436	-
Public works, etc. ....	-	-	1	28	-	1,367
Railway operating .....	-	1,045	-	104	16	134
Railway cars, etc. ....	5	-	-	470	10	-
Shipbuilding .....	-	-	-	357	37	-
Pipes and tubes .....	4,156	-	-	-	-	-
Miscellaneous .....	69	-	-	-	10	2
Net shipments .....	40,439	11,065	26,093	11,315	4,908	37,598

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
2,970	28	3,500	5,252	563	410	6,995	4,172	35,897
234	-	109	3,332	1	-	118	257	15,964
488	2,554	2,474	7,320	42	-	14,976	2,463	63,276
6,404	-	47	4,956	439	803	3,200	307	18,397
2,687	-	473	1,208	533	19	746	196	6,868
1,330	-	8,248	3,845	12	264	4,045	12,507	64,150
5	-	-	129	1	3	26,359	67	26,566
3,676	3	2,169	2,879	289	1,144	1,937	101	13,817
4,611	-	95	629	258	24	513	105	32,646
3,621	37	348	510	33	-	309	-	5,855
20	-	52	16	10	46	-	19	163
936	-	453	3,150	207	515	6,882	1,633	14,329
103	-	-	-	-	43	80	-	1,622
282	191	29	62	3	-	13	63	1,942
293	90	351	61	-	-	62	16	1,358
199	-	1,234	115	1	-	-	-	1,943
-	-	9,607	16,344	-	824	2,393	118	33,442
32	-	39	-	11	103	168	-	434
27,891	2,903	29,228	49,808	2,403	4,198	68,796	22,024	338,669

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Nine

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	1	971	9,134	29,194	14,058	52,899
Export:						
British Empire .....	113,126	-	11,468	-	-	4,897
All other .....	57,090	11,015	14,958	721	59	1,894
Automotive .....	11,928	6	32	650	676	12
Agricultural, etc. ....	92	-	487	4,401	4,573	2
Building .....	2,105	1,262	9,678	75,174	20,744	176,783
Container .....	-	-	17	-	-	765
Machinery, etc. ....	5,422	1,253	1,480	4,355	2,115	3,271
Merchant trade .....	3,529	-	233,131	1,095	843	15,442
Mining, etc. ....	1,344	6,003	752	3,789	558	607
National defence .....	86	-	-	196	-	214
Pressing, etc. ....	59	78	239	606	5,919	169
Public works, etc. ....	-	187	246	87	15	14,403
Railway operating .....	35	152,659	70	995	138	425
Railway cars, etc. ....	9,680	249	1	8,920	478	19
Shipbuilding .....	7	24	1	2,524	207	-
Pipes and tubes .....	89,396	70	-	5	-	-
Miscellaneous .....	1,004	-	-	99	11	317
Net shipments .....	294,904	173,777	281,694	132,811	50,394	272,119

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Months Ended September 1960

other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
41,546	116	54,645	65,541	7,099	2,683	73,620	46,089	397,596
2,178	-	3,180	19,282	71	90	5,481	603	160,376
5,600	2,609	19,456	55,256	203	-	63,487	10,468	242,816
45,708	-	2,360	80,694	7,281	7,040	32,249	2,539	191,175
24,616	-	3,340	15,982	3,296	394	6,872	1,891	65,946
27,124	60	123,975	45,985	222	3,146	39,534	126,418	652,210
44	10	19	3,776	7	30	276,451	1,333	282,452
33,405	56	37,818	26,692	3,860	11,440	15,793	2,220	149,180
52,055	52	415	6,973	2,604	594	5,748	740	323,221
35,565	662	6,531	4,282	467	79	3,504	238	64,381
630	-	2,779	89	227	397	-	44	4,662
8,521	-	6,329	39,567	2,585	4,805	66,807	17,776	153,460
564	95	601	10	-	1,060	456	-	17,724
5,334	42,068	4,286	1,755	74	-	436	870	209,145
6,180	108	12,446	4,843	8	-	668	1,046	44,646
1,400	31	19,475	1,201	78	-	25	469	25,442
-	-	75,602	148,714	6	7,681	24,791	2,191	348,456
452	-	112	54	58	878	799	241	4,025
290,922	45,867	373,369	520,696	28,146	40,317	616,721	215,176	3,336,913

\*\* Abbreviations correspond to headings in Table 15.



# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Fig iron:					
Silvery.....	United States	2,802	-	2,802	-
Other.....	United States	-	-	288	-
	United Kingdom	-	-	90	-
	Australia	-	-	674	-
	Spain	-	-	4,480	-
	U.S.S.R.	-	-	56	-
Ingots and semi-finished:					
Ingots.....	United States	-	1	451	185
	United Kingdom	-	-	7	-
			1.7		65.3
Billets, blooms, slabs and sheet bars	United States	-	46	467	411
	United Kingdom	4	-	7	-
			96.6		577.1
			-		34.1
Bars and sections:					
Hot rolled bars, n.o.p. ....	United States	893	435	9,907	1,913
	United Kingdom	72	30	1,366	550
	Austria	-	1	8	11
	Belgium	1,457	-	8,926	-
	France	227	-	1,448	-
	Germany	227	-	510	-
	Japan	125	-	1,484	-
	Sweden	2	2	309	15
			-		.5
Hot rolled bars for agricultural implements.....	United States	205	13	3,423	288
	United Kingdom	11	-	11	-
			-		-
Rounds over 4 7/8", squares over 4" ..	United States	11	16	967	57
	United Kingdom	12	-	186	33
	Belgium	-	-	20	-
			-		8.6
			-		9.4
			-		-

Concrete reinforcing bars.....	United States	-	-	-	92	-	-
	United Kingdom	-	-	-	50	-	-
	Belgium	1,133	-	-	13,882	-	-
	France	324	-	-	2,825	-	-
	Germany	242	-	-	1,897	-	-
	Japan	-	-	-	5,418	-	-
	Norway	-	-	-	34	-	-
Sash or casement sections.....	United States	142	-	-	1,597	-	-
	United Kingdom	52	-	-	271	-	-
	Belgium	-	-	-	211	-	-
Cold rolled bars, n.o.p. ....	United States	68	20	8.3	1,266	536	110.0
	United Kingdom	444	3	6.5	3,609	23	51.0
	Austria	-	-	-	-	2	-
	Belgium	-	-	-	591	-	-
	France	-	-	-	2	-	-
	Germany	-	6	-	23	12	-
	Sweden	1	-	-	13	-	-
Cold rolled bars for agricultural implements.....	United States	9	-	-	184	4	-
<hr/>							
Tool steel:							
All forms and sizes.....	United States	105	111	-	2,025	1,040	-
	United Kingdom	1	28	-	79	335	-
	Austria	-	4	-	10	95	-
	France	-	-	-	-	122	-
	Germany	-	6	-	-	36	-
	Sweden	1	28	-	11	171	-
<hr/>							
Structural shapes:							
Wide flange beams.....	United States	10,213	-	-	169,558	-	-
	United Kingdom	3,055	-	-	64,323	-	-
	Belgium	1,186	-	-	14,661	-	-
	France	-	-	-	89	-	-
	Germany	-	-	-	2,154	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Structural shapes (Concluded):					
Sheet piling.....	United States	50	-	6,889	-
	United Kingdom	-	-	7,550	-
	Belgium	1,781	-	10,477	-
	France	-	-	49	-
	Germany	256	-	1,080	-
	Japan	45	-	45	-
Structurals, n.o.p. 3" to 6".....					
	United States	347	-	7,389	14.9
	United Kingdom	132	-	1,516	1.2
	Belgium	1,745	-	12,484	-
	France	372	-	3,578	-
	Germany	-	-	257	-
	Japan	-	-	185	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....					
	United States	338	-	23,578	-
	United Kingdom	176	-	4,216	-
	Belgium	718	-	8,332	-
	France	81	-	2,464	-
Bar size structurals, n.o.p. ....					
	United States	176	15.4	3,406	115.4
	United Kingdom	12	-	434	1.2
	Belgium	1,428	-	10,800	-
	France	404	-	1,683	-
	Germany	-	-	982	-
	Italy	-	-	121	-
	Japan	88	-	474	-
	Netherlands	-	-	5	-
	Norway	-	-	18	-
	Sweden	-	3.3	-	24.2

Bar size structurals for agricultural implements.....

United States	90	-	-	1,519	18	-
Germany	-	-	-	40	-	-

Plates:

60" and under in width.....

United States	231	13	47.0	5,286	246	323.5
United Kingdom	131	10	25.5	3,497	11	185.4
Austria	-	-	-	11	-	-
Belgium	153	-	-	1,861	-	-
France	19	-	-	139	-	-
Germany	119	-	-	1,895	-	-
Japan	1,303	-	-	7,566	-	-
Sweden	21	-	5.4	21	-	32.5

Over 60" up to and including 100" in width.....

United States	458	9	34.3	13,124	286	663.1
United Kingdom	448	-	-	8,848	-	3.2
Austria	-	-	-	67	-	-
Belgium	200	-	-	1,207	-	-
France	-	-	-	615	-	-
Germany	303	-	-	6,235	-	-
Japan	1,989	-	-	16,496	-	-
Sweden	-	-	-	-	-	19.5

Over 100" in width.....

United States	209	-	10.8	4,123	115	38.9
United Kingdom	30	-	-	1,618	-	13.5
Germany	65	-	-	923	-	-

Flanged or dished.....

United States	99	-	7.8	2,346	65	67.1
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Floor plate.....

United States	544	-	.3	9,338	-	6.3
United Kingdom	342	-	-	1,855	-	-
Belgium	-	-	-	69	-	-
France	-	-	-	58	-	-
Germany	-	-	-	156	-	-
Japan	-	-	-	179	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless):					
Hot rolled -					
Under 12" in width.....	United States	394	9	4,806	62
	United Kingdom	-	-	301	2
	Belgium	198	-	1,899	-
	France	14	-	241	-
	Germany	-	-	11	-
	Japan	25	-	98	-
12" up to but not including 24" in width.....					
	United States	73	3	671	56
	United Kingdom	-	-	4	-
24" to 51" in width.....					
	United States	133	6	5,327	309
	United Kingdom	5	-	560	-
	Belgium	15	-	179	-
	France	-	-	42	-
	Germany	13	-	31	-
	Japan	74	-	1,558	-
Over 51" in width.....					
	United States	611	-	12,954	5
	United Kingdom	-	-	105	-
	Belgium	-	-	41	-
	Germany	28	-	61	-
	Japan	4	-	72	-
Cold rolled -					
Under 24" in width.....	United States	263	4	3,235	76
	United Kingdom	28	-	402	-
	Belgium	-	-	82	-
	Germany	-	-	97	-
	Sweden	75	1	227	2

24" to 51" in width.....	United States United Kingdom Australia Japan Sweden	191 117 - - -	2 - - - -	- - - - -	5,231 1,857 128 72 5	7 - - - -
Over 51" in width.....	United States United Kingdom	406 -	- -	- -	10,183 47	- -
Enamelling grade.....	United States United Kingdom	707 -	- -	- -	10,132 781	- -
Aluminized.....	United States United Kingdom	66 -	- -	- -	1,205 5	- -
Coated (other than metal or asbestos bonded).....	United States United Kingdom Germany Netherlands	676 94 - 2	- - - -	- - - -	7,359 564 163 2	- - - -
Asbestos bonded (includes galvanized and corrugated).....	United States United Kingdom	13 16	- -	- -	1,644 279	- -
Metal coated, n.o.p. ....	United States United Kingdom Germany	47 - 6	- - -	- - -	951 1 110	- - -
Electro galvanized.....	United States United Kingdom	120 13	- -	- -	1,256 94	- -
Galvanized, n.o.p. ....	United States United Kingdom Germany Japan	248 - - -	- - - -	- - - -	2,763 267 19 35	14 - - -

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless): - (Concluded)					
Electrical (silicon content 2.90 or more).....	United States	756	-	-	11,825
	United Kingdom	-	-	-	195
	Sweden	-	-	-	1
Electrical, n.o.p. ....	United States	52	-	-	657
	United Kingdom	1	-	-	71
Saw steel.....	United States	12	113	132	1,154
	United Kingdom	-	3	-	52
	France	-	-	-	4
	Germany	-	-	-	1
	Sweden	-	3	-	225
Hot rolled wasters.....	United States	61	-	470	-
	United Kingdom	-	-	28	-
Cold rolled wasters.....	United States	273	-	2,378	-
	United Kingdom	326	-	1,684	-
Black plate.....	United States	15	-	202	-
Tin plate primes.....	United States	77	-	838	-
	United Kingdom	-	-	22	-
	Australia	-	-	41	-
Tin plate electrolytic.....	United States	1	-	287	-
	United Kingdom	-	-	4,602	-
Tin plate wasters and seconds.....	United States	-	-	100	-
Terne plate long.....	United States	395	-	6,063	-
	United Kingdom	-	-	120	-

	Australia	-	-	22	-	-
Terne plate short.....	United States	-	-	296	-	-
Strip for hoop.....	United States	27	-	516	-	-
	United Kingdom	-	-	125	-	-
	Belgium	-	-	7	-	-
	Japan	-	-	6	-	-

#### Stainless sheets and strip:

##### Hot rolled -

Under 24" in width 18 gauge  
and heavier.....

United States	-	.7	-	20.2	-	-
United Kingdom	-	.9	-	2.7	-	-

Under 24" in width lighter  
than 18 gauge.....

United States	-	.4	-	3.1	-	-
United Kingdom	-	-	-	.3	-	-

24" up to and including 51" in  
width 18 gauge and heavier.....

United States	-	3.5	-	115.0	-	-
United Kingdom	-	43.1	-	418.3	-	-
Japan	-	-	-	.1	-	-
Sweden	-	32.3	-	98.4	-	-

24" up to and including 51" in  
width lighter than 18 gauge.....

United States	-	-	-	28.1	-	-
United Kingdom	-	7.7	-	81.3	-	-
Japan	-	-	-	1.0	-	-

Over 51" in width 18 gauge and  
heavier.....

United States	-	6.2	-	76.4	-	-
Sweden	-	5.0	-	25.1	-	-

Over 51" in width lighter than  
18 gauge.....

United States	-	-	-	2.0	-	-
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##### Cold rolled -

Under 24" in width 18 gauge and  
heavier.....

United States	-	57.4	-	297.8	-	-
United Kingdom	-	.7	-	16.6	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy Stainless		Carbon Alloy Stainless	
		(Tons of 2,000 pounds)			
Stainless sheets and strip: - (Concluded)					
Cold rolled -					
Under 24" in width lighter than 18 gauge.....	United States	-	83.3	-	942.9
Cold rolled, n.o.p. ....	United States	-	130.1	-	1,735.9
	United Kingdom	-	72.3	-	499.6
	France	-	36.8	-	176.1
	Japan	-	30.4	-	262.4
	Sweden	-	2.8	-	11.1
Plate, sheet and strip for pipes and tubes:					
Hot rolled -					
15-3/8" and under in width.....	United States	-	-	12,964	-
	United Kingdom	-	-	4,980	-
	Netherlands	-	-	167	-
Over 15-3/8" in width.....	United States	-	-	1,231	-
Hot rolled plate for pipe.....	United States	2,533	-	4,511	-
	France	-	-	153	-
	Germany	-	-	654	-
	Italy	-	-	166	-
	Japan	-	-	714	-
Cold rolled.....	United States	-	-	51	-
Pipes and tubes:					
Spiral Welded.....	United States	58	-	1,151	-
	Germany	-	-	25	-
Cast.....	United States	39	-	1,494	-
	United Kingdom	2,709	-	14,334	-

For pressure parts of boilers -

Seamless hot finished.....	United States	34	15	-	739	270	36.7
	United Kingdom	19	63	-	392	100	-
	Germany	19	-	-	133	-	-
	Sweden	-	-	-	1	-	-
Seamless cold drawn.....	United States	2	5	.3	214	52	6.9
	United Kingdom	24	6	-	308	70	-
	France	-	-	-	30	-	-
	Germany	-	-	-	14	-	-
Welded.....	United States	38	-	-	162	-	-
	United Kingdom	320	-	-	2,395	-	-
	France	-	-	-	21	-	-
	Germany	-	-	-	113	-	-
	Switzerland	96	-	-	1,029	-	-
Seamless cold drawn, n.o.p. ....	United States	106	-	19.3	1,722	56	190.5
	United Kingdom	26	1	11.1	458	26	104.6
	Belgium	-	-	-	98	-	-
	France	-	-	-	-	-	35.0
	Germany	-	-	-	103	-	-
	Sweden	9	-	-	100	1	9.8
Mechanical tubing.....	United States	711	36	6.5	7,283	2,816	46.4
	United Kingdom	27	-	.6	676	80	1.3
	France	-	-	-	137	-	-
	Germany	113	13	-	245	111	-
	Japan	-	-	-	12	-	-
	Netherlands	-	-	-	60	-	-
	Sweden	-	50	-	136	859	-
Seamless hot finished, n.o.p. -	United States	53	24	.1	736	99	14.7
Up to and including 6-5/8" O.D....	United Kingdom	70	-	-	514	490	-
	Germany	-	-	-	131	-	-
	Italy	-	-	-	-	4	-
	Japan	-	-	-	104	-	-
	Sweden	2	-	-	3	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Pipes and tubes: (Concluded)					
Seamless hot finished, n.o.p. -					
Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....					
	United States	31	-	110	23
	United Kingdom	-	-	146	9
	Germany	-	-	3	-
	Italy	-	-	1	40
Over 10-1/2" O.D. up to and including 16" O.D. ....					
	United States	196	9	1,456	30
	United Kingdom	-	-	3,273	81
	Italy	-	-	2	-
Over 16" O.D. ....					
	United States	76	-	1,235	2
	United Kingdom	1,603	-	3,422	-
	Italy	-	-	115	-
	United States	298	-	1,799	-
Drill pipe.....					
Welded n.o.p. -					
Up to and including 4-1/2" O.D. .					
	United States	172	13.2	1,640	128.4
	United Kingdom	369	3.8	3,982	8.8
	Belgium	92	-	277	-
	France	138	-	1,474	-
	Germany	266	-	3,233	-
	Japan	65	-	716	-
	Netherlands	6	-	329	-
	Norway	59	-	95	-
	Sweden	1	-	11	-
	Switzerland	-	-	1	-
Over 4-1/2" O.D. up to and including 16" O.D. ....					
	United States	36	11.1	1,035	2
	Germany	-	-	131	-
	Sweden	-	-	5	-
					54.2

Over 16" O.D. ....	United States	13	-	-	1,253	1	2.7
	United Kingdom	-	-	-	13,350	-	-
	Germany	-	-	-	-	-	21.3
Oil country tubing up to and including 3-1/2" O.D. ....	United States	116	-	-	2,095	-	.1
	United Kingdom	-	-	-	2,130	-	-
	France	-	-	-	214	-	-
	Italy	-	-	-	414	-	-
	Japan	267	-	-	2,471	-	-
Casing -	United States	13	-	-	1,207	-	-
J-55 and H-40.....	United Kingdom	57	-	-	3,960	-	-
	France	-	-	-	819	-	-
	Germany	-	-	-	521	-	-
	Italy	-	-	-	629	-	-
	Japan	270	-	-	12,869	-	-
All other casing.....	United States	40	-	-	3,639	-	-
	United Kingdom	-	-	-	2,005	-	-
	France	-	-	-	664	-	-
	Germany	-	-	-	336	-	-
	Japan	-	-	-	576	-	-
Conduit.....	United States	76	-	-	837	-	-
<hr/>							
Wire products:	United States	14	-	-	350	-	2.8
Wire -	United Kingdom	1,230	-	-	10,984	-	-
For wire rope.....	Germany	397	-	-	2,868	-	-
	Japan	136	-	-	559	-	-
For springs, cushions, etc. ...	United States	20	-	-	117	-	-
	United Kingdom	-	-	-	16	-	-
	Japan	22	-	-	155	-	-
For corset clasps, dress stays, etc. ....	United States	5	-	-	46	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Wire products: - (Concluded)					
Wire - (Concluded)					
For corset clasps, dress stays, etc. ....	United Kingdom	1	-	27	-
	Germany	-	-	9	-
Coated - (tin, copper, plastic, paper, paint, etc.)....	United States	20	-	192	1
	United Kingdom	3	-	74	-
	Austria	-	-	19	-
	Belgium	-	-	1	-
	Germany	5	-	75	-
	Japan	-	-	8	-
Galvanized fence wire.....	United States	-	-	20	-
	United Kingdom	198	-	1,431	-
	Belgium	-	-	58	-
	France	-	-	134	-
	Germany	142	-	1,042	-
Galvanized, n.o.p. ....	United States	2	-	215	-
	United Kingdom	82	-	1,150	-
	Austria	4	-	139	-
	Belgium	3	-	187	-
	France	1	-	15	-
	Germany	2	-	74	-
	Japan	28	-	502	-
	Netherlands	-	-	5	-
Wire, n.o.p. ....	United States	189	2	1,363	60
	United Kingdom	154	-	1,714	4
	Austria	-	-	451	-
	Belgium	87	-	648	-
	Denmark	1	-	2	-
	France	50	-	503	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	September, 1960		Nine Months Ended September, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Rails and railway material:					
<u>Rails -</u>					
60 lb. and under per lineal yard.	United States	-	-	101	-
	Belgium	-	-	39	-
	Germany	42	-	545	-
	Netherlands	-	-	24	-
Over 60 lb. up to and including 100 lb. per lineal yard.....	United States	8	-	360	-
	United Kingdom	-	-	151	-
	Germany	31	-	55	-
Over 100 lb. per lineal yard.....	United States	-	-	294	-
Track material -					
Fish plates, angle bars, etc. ....	United States	28	-	4,485	-
	United Kingdom	-	-	1,383	-
	Belgium	-	-	2	-
	Germany	5	-	246	-
	Netherlands	-	-	1	-
Switch points, guard rails.....	United States	-	-	177	-
	United Kingdom	-	-	9	-





Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	September, 1960	Nine Months Ende September, 1960
<u>Bars and sections:</u>		(Tons of 2,000 pounds)	
Hot rolled bars, n.o.p. ....	United States	1.9	184.0
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	13.2
Cold rolled bars, n.o.p. ....	United States	-	11.6
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	220.0	1,554.3
n.o.p. 3" to 6" .....	United States	-	96.7
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	7.0	448.6
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	66.8	1,170.1
	United Kingdom	15.7	15.7
Over 60" up to and including 100" in width .....	United States	126.3	2,446.2
	United Kingdom	11.1	60.0
Over 100" in width .....	United States	6.5	62.1
Flanged or dished .....	United States	-	202.4
<u>Sheets and strip (except stainless):</u>			
Hot rolled-			
Under 12" in width .....	United States	5.3	16.1
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	18.9	1,285.9
	United Kingdom	-	5.0
Over 51" in width .....	United States	123.2	1,263.4
	United Kingdom	-	83.4
Cold rolled-			
24" to 51" in width .....	United States	4.3	128.7
Over 51" in width .....	United States	-	65.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	32.5	110.1
Seamless hot finished - over 10-1/2" and including 16" O.D..	United States	-	16.5
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		639.5	9,361.3

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	September, 1960			Nine Months Ended September, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)						
United States .....	27,003	1,776	622.9	408,484	23,626	6,405.9
United Kingdom .....	13,279	163	182.2	194,696	2,159	1,570.8
Australia .....	-	-	-	867	-	-
Austria .....	67	5	1.4	768	108	1.4
Belgium (1) .....	10,202	-	-	87,747	-	.3
Chile .....	-	-	-	268	-	-
Denmark .....	1	-	-	23	-	-
France .....	1,630	-	36.8	18,013	126	211.1
Germany .....	2,776	25	-	31,282	160	21.3
Italy .....	-	-	-	1,448	44	-
Japan .....	5,025	-	30.4	54,562	-	264.0
Netherlands .....	88	-	-	1,445	-	-
Norway .....	66	-	-	202	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	127	86	49.1	1,119	1,276	222.2
Switzerland .....	96	-	-	1,030	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	60,360	2,055	922.8	806,490	27,499	8,697.0

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	September, 1960	Nine Months Ended September, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	72,669	312,978
Sponge iron and primary iron n.o.p. ....	219	1,801
Ingots, blooms and billets .....	25,155	205,983
Castings, iron and steel .....	300	6,241
Forgings .....	396	2,796
Hot rolled bars including fabricated .....	667	19,565
Cold rolled bars .....	99	2,087
Wire rods .....	2,839	28,778
Plates .....	1,298	29,423
Hot rolled sheets and strips .....	17,483	100,350
Sheets and strips n.o.p. ....	30,330	114,346
Rails .....	767	4,305
Structural shapes .....	178	7,359
Pipes and tubing - Wrought iron .....	-	722
- Cast iron .....	88	741
- Galvanized .....	-	114
- Other .....	3,160	30,903
Total .....	155,648	868,492

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	October, 1960	Ten Months Ended October, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	89,080	1,378,215
(b) From foreign mines .....	223,423	1,717,786
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	93,846	870,907
(b) From foreign mines .....	65,127	659,113
(c) From own processing .....	133,391	1,402,883
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	13,268	138,882
Scrap iron and steel .....	6,240	92,781
Limestone .....	66,953	690,649
Dolomite .....	20,619	213,791
Coke .....	257,539	2,647,504

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, October

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	300,452	19,861	299,911	10,473
Foundry (including silvery pig)** .....	25,429	11,275	20,993	54,296
Malleable .....	34,931	40,654	47,139	36,355
Total pig iron .....	360,812	71,790	368,043	101,124
Ferro-alloys .....	11,469	10,978	10,203	11,897
Stocks of pig iron on hand at end of month.	267,608		309,275	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.



Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Ten Months Ended October

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Pig Iron</u>				
Basic .....	2,956,762	95,856	3,045,471	68,121
Foundry (including silvery pig)**	149,159	92,392	224,362	195,300
Malleable .....	351,718	370,775	380,541	308,417
Total pig iron .....	3,457,639	559,023	3,650,374	571,838
Ferro-alloys .....	104,070	105,136	117,242	114,143

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of October, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per Cent
In blast .....	11	3,753,100	76.9
Banked .....	1	200,000	4.1
Blown out .....	4	924,800	19.0
Total .....	16	4,877,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	October		Ten Months Ended October	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
	(Tons of 2,000 pounds)			
Pig iron .....	311,407	304,382	2,878,847	2,993,318
Scrap - Own make .....	142,038	135,797	1,303,190	1,395,366
Purchased .....	140,319	92,076	1,122,104	1,126,105
Total pig iron and scrap .....	593,764	532,255	5,304,141	5,514,789

Table 7 - Production and Shipments of Steel Ingots and Castings, October

Table 7 - Production and Shipments of Steel Ingots and Castings, October				
	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel Ingots</u>				
Open hearth - Basic .....	468,315	27,677	431,877	16,320
Electric .....	56,801	4,021	47,192	6,997
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	525,116	31,698	479,069	23,317
Alloy steel ingots included in above ..	20,356	95	17,439	564
<u>Steel castings</u>				
Open hearth - basic .....	1,275	1,093	174	174
Electric .....	10,518	8,527	6,622	6,806
Other .....	-	-	-	-
Total steel castings .....	11,793	9,620	6,796	6,980
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	168	141	177	200
(b) High alloy, manganese and abrasion resistant .....	1,219	1,113	1,557	1,480
(c) All other alloys .....	491	321	234	228
Total alloy castings .....	1,878	1,575	1,968	1,908

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Ten Months Ended October

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	4,310,416	130,688	4,365,408	105,334
Electric .....	433,349	38,668	536,895	71,880
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	4,743,765	169,356	4,902,303	177,214
Alloy steel ingots included in above .....	207,061	959	201,759	6,352
<u>Steel castings</u>				
Open hearth - basic .....	12,537	12,092	2,262	2,730
Electric .....	72,351	69,270	79,622	79,041
Other .....	7	7	3	3
Total steel castings .....	84,895	81,369	81,887	81,774
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	1,528	1,500	2,085	2,085
(b) High alloy, manganese and abrasion resistant .....	12,785	12,161	15,509	15,100
(c) All other alloys .....	3,214	2,748	2,836	2,600
Total alloy castings .....	17,527	16,409	20,430	19,785

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	October, 1960		Ten Months Ended October, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	-	356	86	2,133
Automotive industries .....	145	8	1,180	85
Agricultural, including implement and equipment manufacturers .....	54	-	781	9
Machinery and tools .....	1,400	324	12,410	3,131
Mining, Lumbering and quarrying industries .....	629	796	6,396	8,175
Oil and gas, including refineries .....	93	44	851	543
National defence .....	18	29	76	182
Public works and public utilities .....	17	14	270	378
Railway operating .....	2,406	120	29,822	1,813
Railway cars and locomotives .....	132	-	7,395	263
Shipbuilding .....	39	11	401	148
Miscellaneous and unclassified .....	139	206	2,239	2,925
Total shipments .....	5,072	1,908	61,989	19,785

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total Steel
			(Tons of 2,000 pounds)		
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
Total ten months ..	3,650,374	117,242	4,902,303	81,887	4,984,190



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, October, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	11,593	15,190
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	28,125	23,718
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,383	5,299
Total .....	45,101	44,207
Steel pipe fittings:		
(a) Buttwelding fittings .....	62	66
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	397	467
Total .....	459	533

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Ten Months Ended October, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	152,939	151,304
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	160,641	148,468
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	57,818	56,364
Total .....	371,398	356,136
Steel pipe fittings:		
(a) Buttwelding fittings .....	927	1,003
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	4,616	5,028
Total .....	5,543	6,031

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
October, 1960

October, 1960		Production	Total of all shipments	Shipments for further processing	Net shipments
		(Tons of 2,000 pounds)			
<u>Carbon steel</u>					
<u>Hot rolled</u>					
Semi-finished shapes:					
(a) For re-rolling .....		50,109	33,613	11,753	21,860
(b) For forging and piercing ....		48,126	18,866	-	18,866
Rails .....		10,319	9,560	-	9,560
Wire rods .....		27,544	28,634	210	28,424
Structural shapes:					
(a) Heavy, including piling .....		11,627	9,821	-	9,821
(b) Light .....		6,861	4,074	-	4,074
Concrete reinforcing bars .....		36,452	31,093	-	31,093
Other hot rolled bars .....		23,661	26,196	1,417	24,779
Tie plates and track material:					
(a) Ang e bars .....		913	1,549	-	1,549
(b) Tie plates .....		1,591	1,578	-	1,578
(c) Track spikes .....		186	72	-	72
Plates (including plates for pipes and tubes) .....		44,527	45,315	-	45,315
Hot rolled sheets and strip .....		190,787	182,164	143,574	38,590
Total all hot rolled products ...		452,703	392,535	156,954	235,581
<u>Cold rolled and coated</u>					
Cold finished bars .....		2,028	2,055	-	2,055
Cold reduced strip .....		3,606	2,877	-	2,877
Cold reduced sheets, tin mill black plate and tin plate .....		120,981	120,875	56,543	64,332
Galvanized sheets .....		26,819	26,140	-	26,140
Total all cold rolled and coated.		153,434	151,947	56,543	95,404
Grand total all carbon products .....		606,137	544,482	213,497	330,985
<u>Alloy steel</u>					
Semi-finished shapes:					
(a) For re-rolling .....		-	-	-	-
(b) For forging and piercing .....		787	787	-	787
Alloy plates .....		41	41	-	41
Other hot rolled bars, including high-speed steel and alloy tool steel .....		4,414	4,647	29	4,618
Structurals .....		-	-	-	-
Cold finished bars .....		380	433	-	433
Wire rods .....		191	199	-	199
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....		1,909	1,980	-	1,980
Total all alloy products .....		7,722	8,087	29	8,058

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Ten Months Ended October, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	401,235	356,592	171,481	185,111
(b) For forging and piercing ...	180,508	142,813	-	142,813
Rails .....	190,054	183,337	-	183,337
Wire rods .....	309,877	311,290	2,171	309,119
Structural shapes:				
(a) Heavy, including piling ....	148,242	142,632	-	142,632
(b) Light .....	59,343	54,468	-	54,468
Concrete reinforcing bars .....	315,882	303,212	-	303,212
Other hot rolled bars .....	268,989	275,291	20,125	255,166
Tie plates and track material:				
(a) Angle bars .....	10,435	11,133	-	11,133
(b) Tie plates .....	31,175	31,488	-	31,488
(c) Track spikes .....	6,726	6,445	-	6,445
Plates (including plates for pipes and tubes) .....	413,341	418,936	535	418,401
Hot rolled sheets and strip .....	1,816,378	1,792,957	1,254,770	538,187
Total all hot rolled products ..	4,152,185	4,030,594	1,449,082	2,581,512
<u>Cold rolled and coated</u>				
Cold finished bars .....	26,796	26,042	-	26,042
Cold reduced strip .....	41,570	43,194	-	43,194
Cold reduced sheets, tin mill black plate and tin plate .....	1,224,801	1,209,879	528,826	681,053
Galvanized sheets .....	251,512	241,563	247	241,316
Total all cold rolled and coated	1,544,679	1,520,678	529,073	991,605
Grand total all carbon products ....	5,696,864	5,551,272	1,978,155	3,573,117
<u>Alloy steel</u>				
<u>Semi-finished shapes:</u>				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing .....	8,255	8,499	6	8,493
Alloy plates .....	324	324	-	324
Other hot rolled bars, including high-speed steel and alloy tool steel .....	67,815	65,565	412	65,153
Structurals .....	-	-	-	-
Cold finished bars .....	4,985	4,592	-	4,592
Wire rods .....	1,166	1,201	3	1,198
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	23,176	23,079	-	23,079
Total all alloy products .....	105,917	103,456	617	102,839

Table 15 - Disposition of Shipments\* of Rolled Steel Products

Table 15 - Disposition of Shipments* of Rolled Steel Products					
SDI No.		October, 1960		Ten Months Ended October, 1960	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
4	Wholesalers and warehouses .....	32,445	418	421,980	8,479
5	Direct export:				
	(a) British Columbia .....	16,700	1,373	169,274	9,175
	(b) All other .....	69,387	536	306,053	6,686
6	Automotive industries .....	12,801	2,370	169,621	36,725
7	Agricultural, including implement and equipment manufacturers ...	8,083	268	71,975	2,322
8	Building construction .....	60,974	181	712,000	1,365
9	Container industry .....	21,793	7	304,019	233
10	Machinery and tools .....	12,000	1,229	147,928	14,481
11	Merchant trade products .....	30,563	329	347,861	6,252
12	Mining, lumbering, etc. ....	6,153	1,082	58,904	12,712
13	National defence .....	201	48	4,314	597
14	Pressing, forming and stamping ..	13,365	188	163,894	3,119
15	Public works and utilities .....	1,320	-	19,028	16
16	Railway operating .....	2,105	14	211,053	211
17	Railway cars and locomotives ....	878	9	45,274	259
18	Shipbuilding .....	5,699	6	30,978	169
19	Pipes and tubes .....	36,271	-	384,689	38
20	Miscellaneous and unclassified ..	247	-	4,272	-
	Net shipments .....	330,985	8,058	3,573,117	102,839

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, October

Programme**	Semi-finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
Wholesale, etc. ....	-	136	498	2,923	1,240	(Tons of 6,884
Export:						
British Empire ...	11,388	-	-	-	-	-
All other .....	20,825	8,962	2,710	30	20	1,105
Automotive .....	2,212	1	-	97	14	-
Agricultural, etc. .	-	-	42	568	507	-
Building .....	34	37	1,290	5,596	1,236	20,653
Container .....	-	-	2	-	-	-
Machinery, etc. ....	526	-	211	157	91	423
Merchant trade .....	144	-	23,740	2	7	920
Mining, etc. ....	393	392	95	152	82	15
National defence ...	-	-	-	-	-	7
Pressing, etc. ....	3	-	33	60	789	3
Public works, etc. .	-	-	2	41	-	1,009
Railway operating ..	18	-	-	7	62	-
Railway cars, etc. .	-	32	-	103	-	-
Shipbuilding .....	-	-	-	85	26	6
Pipes and tubes ....	5,970	-	-	-	-	-
Miscellaneous .....	-	-	-	-	-	68
Net shipments ...	41,513	9,560	28,623	9,821	4,074	31,093

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
3,377	10	3,854	4,277	590	201	4,792	4,081	32,863
375	-	-	2,091	1	-	265	3,953	18,073
570	2,246	6,015	5,837	3	6	19,086	2,508	69,923
3,843	-	130	4,809	769	599	2,349	348	15,171
4,082	-	728	1,413	251	22	562	176	8,351
3,397	1	7,758	3,945	28	251	3,580	13,349	61,155
3	-	75	73	1	15	21,535	96	21,800
2,785	9	3,441	2,303	456	971	1,711	145	13,229
4,585	-	173	807	220	35	197	62	30,892
4,575	1	476	465	32	7	521	29	7,235
125	-	56	20	7	34	-	-	249
546	-	581	3,286	119	439	6,516	1,178	13,553
59	-	-	15	-	23	171	-	1,320
501	932	487	59	2	-	7	44	2,119
348	-	251	135	1	-	13	4	887
186	-	5,320	56	-	-	26	-	5,705
-	-	16,006	10,979	-	203	2,946	167	36,271
40	-	5	-	8	71	55	-	247
29,397	3,199	45,356	40,570	2,488	2,877	64,332	26,140	339,043

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Ten

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ..	1	1,107	9,632	32,117	15,298	59,783
Export:						
British Empire .	124,514	-	11,468	-	-	4,897
All other .....	77,915	19,977	17,668	751	79	2,999
Automotive .....	14,140	7	32	747	690	12
Agricultural, etc.	92	-	529	4,969	5,080	2
Building .....	2,139	1,299	10,968	80,770	21,980	197,436
Container .....	-	-	19	-	-	765
Machinery, etc. ..	5,948	1,253	1,691	4,512	2,206	3,694
Merchant trade ...	3,673	-	256,871	1,097	850	16,362
Mining, etc. ....	1,737	6,395	847	3,941	640	622
National defence .	86	-	-	196	-	221
Pressing, etc. ...	62	78	272	666	6,708	172
Public works, etc.	-	187	248	128	15	15,412
Railway operating.	53	152,659	70	1,002	200	425
Railway cars, etc.	9,680	281	1	9,023	478	19
Shipbuilding .....	7	24	1	2,609	233	6
Pipes and tubes ..	95,366	70	-	5	-	-
Miscellaneous ....	1,004	-	-	99	11	385
Net shipments ..	336,417	183,337	310,317	142,632	54,468	303,212

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 13 -

Months Ended October, 1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
44,923	126	58,499	69,818	7,689	2,884	78,412	50,170	430,459
2,553	-	3,180	21,373	72	90	5,746	4,556	178,449
6,170	4,855	25,471	61,093	206	6	82,573	12,976	312,739
49,551	-	2,490	85,503	8,050	7,639	34,598	2,887	206,346
28,698	-	4,068	17,395	3,547	416	7,434	2,067	74,297
30,521	61	131,733	49,930	250	3,397	43,114	139,767	713,365
47	10	94	3,849	8	45	297,986	1,429	304,252
36,190	65	41,259	28,995	4,316	12,411	17,504	2,365	162,409
56,640	52	588	7,780	2,824	629	5,945	802	354,113
40,140	663	7,007	4,747	499	86	4,025	267	71,616
755	-	2,835	109	234	431	-	44	4,911
9,067	-	6,910	42,853	2,704	5,244	73,323	18,954	167,013
623	95	601	25	-	1,083	627	-	19,044
5,835	43,000	4,773	1,814	76	-	443	914	211,264
6,528	108	12,697	4,978	9	-	681	1,050	45,533
1,586	31	24,795	1,257	78	-	51	469	31,147
-	-	91,608	159,693	6	7,884	27,737	2,358	384,727
492	-	117	54	66	949	854	241	4,272
320,319	49,066	418,725	561,266	30,634	43,194	681,053	241,316	3,675,956

\*\* Abbreviations correspond to headings in Table 15.





Concrete reinforcing bars .....	United States	39	-	-	131	-	-
	United Kingdom	-	-	-	50	-	-
	Belgium	927	-	-	14,809	-	-
	France	341	-	-	3,166	-	-
	Germany	833	-	-	2,730	-	-
	Japan	658	-	-	6,076	-	-
	Norway	-	-	-	34	-	-
	United States	254	-	-	1,851	-	-
	United Kingdom	18	-	-	289	-	-
	Belgium	-	-	-	211	-	-
Sash or casement sections .....	United States	65	91	16.7	1,331	627	126.7
	United Kingdom	300	1	8.2	3,909	24	59.2
	Austria	-	-	.4	-	2	.4
	Belgium	64	-	-	655	-	-
	France	-	-	-	2	-	-
	Germany	-	12	-	23	24	-
	Japan	18	-	-	18	-	-
	Sweden	2	-	-	15	-	-
	United States	19	-	-	203	4	-
	implements .....						
Tool steel: All forms and sizes .....	United States	214	47	-	2,239	1,087	-
	United Kingdom	21	37	-	100	372	-
	Austria	1	4	-	11	99	-
	France	-	-	-	-	122	-
	Germany	-	1	-	-	37	-
	Sweden	4	14	-	15	185	-
	United States	11,893	-	-	181,451	-	-
	United Kingdom	2,610	-	-	66,933	-	-
	Belgium	312	-	-	14,973	-	-
	France	-	-	-	89	-	-
	Germany	1,575	-	-	3,729	-	-
Structural shapes: Wide flange beams .....	United States	11,893	-	-	181,451	-	-
	United Kingdom	2,610	-	-	66,933	-	-
	Belgium	312	-	-	14,973	-	-
	France	-	-	-	89	-	-
	Germany	1,575	-	-	3,729	-	-
	United States	11,893	-	-	181,451	-	-
	United Kingdom	2,610	-	-	66,933	-	-
	Belgium	312	-	-	14,973	-	-
	France	-	-	-	89	-	-
	Germany	1,575	-	-	3,729	-	-

Cold rolled bars for agricultural implements .....

Tool steel:

All forms and sizes .....

Structural shapes:

Wide flange beams .....

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Structural shapes (Concluded):					
Sheet piling .....	United States	218	-	7,107	-
	United Kingdom	330	-	7,880	-
	Belgium	694	-	11,171	-
	France	-	-	49	-
	Germany	102	-	1,182	-
	Japan	-	-	45	-
Structurals, n.o.p. 3" to 6" .....	United States	490	-	7,879	14.9
	United Kingdom	68	2.5	1,584	3.7
	Belgium	1,327	-	13,811	-
	France	187	-	3,765	-
	Germany	-	-	257	-
	Japan	-	-	185	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....	United States	920	-	24,498	16
	United Kingdom	152	-	4,368	-
	Belgium	275	-	8,607	-
	France	293	-	2,757	-
Bar size structurals, n.o.p. ....	United States	520	2.3	3,926	117.7
	United Kingdom	12	3.5	446	4.7
	Belgium	1,734	-	12,534	-
	France	8	-	1,691	-
	Germany	16	-	998	-
	Italy	-	-	121	-
	Japan	22	-	496	-
	Netherlands	-	-	5	-
	Norway	-	-	18	-
	Sweden	-	-	-	24.2

Bar size structurals for agricultural implements .....

United States	67	-	-	1,586	18	-
Germany	-	-	-	40	-	-

Plates:

60" and under in width .....	377	48	30.2	5,663	294	353.7
United States	70	-	12.9	3,567	11	198.3
United Kingdom	-	-	-	11	-	-
Austria	533	-	-	2,394	-	-
Belgium	-	-	-	139	-	-
France	-	-	-	2,003	-	-
Germany	108	-	-	7,711	-	-
Japan	145	-	-	48	-	-
Netherlands	48	-	-	21	-	38.1
Sweden	-	-	5.6	-	-	-

Over 60" up to and including 100" in width .....

United States	569	4	114.4	13,693	290	777.5
United Kingdom	425	-	1.9	9,273	-	5.1
Austria	-	-	-	67	-	-
Belgium	863	-	-	2,070	-	-
France	-	-	-	615	-	-
Germany	1,281	-	-	7,516	-	-
Japan	499	-	-	16,995	-	-
Netherlands	21	-	-	21	-	-
Sweden	-	-	-	-	-	19.5

Over 100" in width .....

United States	114	-	7.6	4,237	115	46.5
United Kingdom	-	-	-	1,618	-	13.5
Germany	40	-	-	963	-	-

Flanged or dished .....

United States	107	-	13.0	2,453	65	80.1
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Floor plate .....

United States	292	-	.8	9,630	-	7.1
United Kingdom	249	-	-	2,104	-	-
Belgium	-	-	-	69	-	-
France	-	-	-	58	-	-
Germany	-	-	-	156	-	-
Japan	52	-	-	231	-	-

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Sheets and strip (except stainless):					
Hot rolled -					
Under 12" in width .....	United States	301	4	5,107	66
	United Kingdom	1	-	302	2
	Belgium	189	-	2,088	-
	France	10	-	251	-
	Germany	8	-	19	-
	Japan	-	-	98	-
12" up to but not including 24"					
in width .....	United States	132	9	803	65
	United Kingdom	-	-	4	-
	Germany	5	-	5	-
24" to 51" in width .....	United States	242	1	5,569	310
	United Kingdom	-	-	560	-
	Belgium	73	-	252	-
	France	-	-	42	-
	Germany	-	-	31	-
	Japan	62	-	1,620	-
	Sweden	6	-	6	-
Over 51" in width .....					
	United States	352	-	13,306	5
	United Kingdom	-	-	105	-
	Belgium	-	-	41	-
	Germany	-	-	61	-
	Japan	-	-	72	-
Cold rolled -					
Under 24" in width .....	United States	326	6	3,561	82
	United Kingdom	46	-	448	-
	Belgium	-	-	82	-
	Germany	6	-	103	-
	Sweden	22	-	249	2

24" to 51" in width .....	United States United Kingdom Australia Japan Sweden	210 45 - - -	- - - - -	5,441 1,902 128 72 5	7 - - - -
Over 51" in width .....	United States United Kingdom	695 -	- -	10,878 47	- -
Enamelling grade .....	United States United Kingdom	475 14	- -	10,607 795	- -
Aluminized .....	United States United Kingdom	31 -	- -	1,236 5	- -
Coated (other than metal or asbestos bonded) .....	United States United Kingdom Germany Netherlands	978 10 - -	- - - -	8,337 574 163 2	- - - -
Asbestos bonded (includes galvanized and corrugated) ..	United States United Kingdom	167 68	- -	1,811 347	- -
Metal coated, n.o.p. ....	United States United Kingdom Germany	42 - 4	- - -	993 1 114	- - -
Electro galvanized .....	United States United Kingdom	114 -	- -	1,370 94	- -
Galvanized, n.o.p. ....	United States United Kingdom Germany Japan	166 44 - -	- - - -	2,929 311 19 35	14 - - -



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
Sheets and strip (except stainless): - (Concluded)					
Electrical (silicon content 2.90 or more)					
	United States	-	675	-	12,812 (1)
	United Kingdom	-	-	-	195
	Sweden	-	-	-	1
Electrical, n.o.p.					
	United States	-	154	-	811
	United Kingdom	-	16	-	87
Saw steel					
	United States	25	176	157	1,330
	United Kingdom	-	-	-	52
	France	-	-	-	4
	Germany	-	-	-	1
	Sweden	-	15	-	240
Hot rolled wasters					
	United States	57	-	527	-
	United Kingdom	-	-	28	-
Cold rolled wasters					
	United States	65	-	2,443	-
	United Kingdom	764	-	2,448	-
Black plate					
	United States	-	-	202	-
Tin plate primes					
	United States	43	-	881	-
	United Kingdom	17	-	39	-
	Australia	-	-	41	-
Tin plate electrolytic					
	United States	17	-	304	-
	United Kingdom	-	-	4,602	-
Tin plate wasters and seconds					
	United States	-	-	100	-
Terne plate long					
	United States	605	-	6,668	-
	United Kingdom	-	-	120	-

	Australia	-	-	-	22	-
	United States	144	-	-	440	-
Terne plate short .....						
	United States	100	-	-	616	-
Strip for hoop .....	United Kingdom	29	-	-	154	-
	Belgium	-	-	-	7	-
	Japan	-	-	-	6	-

# Stainless sheets and strip:

Hot rolled -						
Under 24" in width 18 gauge and heavier .....	United States	-	-	.7	-	20.9
	United Kingdom	-	-	.1	-	2.8
Under 24" in width lighter than 18 gauge .....	United States	-	-	.5	-	3.6
	United Kingdom	-	-	-	-	.3
24" up to and including 51" in width 18 gauge and heavier .....	United States	-	-	15.4	-	130.4
	United Kingdom	-	-	77.4	-	495.7
	Austria	-	-	1.7	-	1.7
	Japan	-	-	-	-	.1
	Sweden	-	-	19.9	-	118.3
24" up to and including 51" in width lighter than 18 gauge ....	United States	-	-	2.5	-	30.6
	United Kingdom	-	-	18.6	-	99.9
	Japan	-	-	-	-	1.0
Over 51" in width 18 gauge and heavier .....	United States	-	-	7.7	-	84.1
	Sweden	-	-	3.6	-	28.7
Over 51" in width lighter than 18 gauge .....	United States	-	-	-	-	2.0
Cold rolled -						
Under 24" in width 18 gauge and heavier .....	United States	-	-	10.7	-	308.5
	United Kingdom	-	-	-	-	16.6

- 21 -

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
Stainless sheets and strip: - (Concluded)					
Cold rolled -					
Under 24" in width lighter than 18 gauge .....	United States	-	51.7	-	994.6
	France	-	2.0	-	2.0
Cold rolled, n.o.p. ....					
	United States	-	116.1	-	1,852.0
	United Kingdom	-	72.6	-	572.2
	France	-	46.1	-	222.2
	Japan	-	18.7	-	281.1
	Sweden	-	-	-	11.1
Plate, sheet and strip for pipes and tubes:					
Hot rolled -					
15-3/8" and under in width ....	United States	-	-	12,964	-
	United Kingdom	-	-	4,980	-
	Netherlands	-	-	167	-
Over 15-3/8" in width .....					
	United States	-	-	1,231	-
Hot rolled plate for pipe .....					
	United States	2,605	-	7,116	-
	France	-	-	153	-
	Germany	-	-	654	-
	Italy	-	-	166	-
	Japan	-	-	714	-
Cold rolled .....					
	United States	-	-	51	-
Pipes and tubes:					
Spiral Welded .....					
	United States	50	-	1,201	-
	Germany	29	-	54	-
Cast .....					
	United States	29	-	1,523	-
	United Kingdom	2,243	-	16,577	-

For pressure parts of boilers - Seamless hot finished .....	United States	187	17	1.8	926	287	38.5
	United Kingdom	57	-	-	449	100	-
	Germany	-	-	-	133	-	-
	Sweden	-	-	-	1	-	-
Seamless cold drawn .....	United States	15	-	-	229	52	6.9
	United Kingdom	34	-	-	342	70	-
	France	-	-	-	30	-	-
	Germany	-	-	-	14	-	-
Welded .....	United States	3	-	-	165	-	-
	United Kingdom	69	-	-	2,464	-	-
	France	-	-	-	21	-	-
	Germany	34	-	-	147	-	-
Seamless cold drawn, n.o.p. ....	Switzerland	-	-	-	1,029	-	-
	United States	91	3	16.3	1,813	59	206.8
	United Kingdom	36	-	15.4	494	26	120.0
	Belgium	40	-	-	138	-	-
Mechanical tubing .....	France	-	-	-	-	-	35.0
	Germany	-	-	-	103	-	-
	Sweden	2	-	.6	102	1	10.4
	United States	707	46	5.7	7,990	2,862	52.1
Seamless hot finished, n.o.p. - Up to and including 6-5/8" O.D.	United Kingdom	40	-	-	716	80	1.3
	France	-	-	-	137	-	-
	Germany	-	63	-	245	174	-
	Japan	-	-	-	12	-	-
Seamless hot finished, n.o.p. - Up to and including 6-5/8" O.D.	Netherlands	8	-	-	68	-	-
	Sweden	-	180	-	136	1,039	-
	United States	53	7	.1	789	106	14.8
	United Kingdom	6	87	-	520	577	-
Seamless hot finished, n.o.p. - Up to and including 6-5/8" O.D.	Germany	-	-	-	131	-	-
	Italy	-	-	-	-	4	-
	Japan	-	-	-	104	-	-
	Sweden	-	-	-	3	-	-

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
Pipes and tubes: (Concluded)					
Seamless hot finished, n.o.p. -					
Over 6-5/8" O.D. up to and					
including 10-1/2" O.D. ....					
	United States	36	3	-	-
	United Kingdom	-	-	-	26
	Germany	-	-	-	9
	Italy	-	-	-	-
				3	-
				1	40
Over 10-1/2" O.D. up to and					
including 16" O.D. ....					
	United States	332	-	-	-
	United Kingdom	-	-	-	30
	Italy	-	-	-	81
				2	-
Over 16" O.D. ....					
	United States	245	-	-	-
	United Kingdom	-	-	-	2
	Italy	-	-	-	-
				115	-
Drill pipe .....					
	United States	95	-	-	-
Welded n.o.p. -					
Up to and including 4-1/2" O.D. .					
	United States	325	-	11.8	-
	United Kingdom	225	-	.1	140.2
	Belgium	-	-	-	8.9
	France	165	-	-	-
	Germany	392	-	-	-
	Japan	30	-	-	-
	Netherlands	-	-	-	-
	Norway	-	-	-	-
	Sweden	-	-	-	-
	Switzerland	-	-	-	-
				1	-
Over 4-1/2" O.D. up to and					
including 16" O.D. ....					
	United States	137	-	2.8	2
	Germany	-	-	-	57.0
	Sweden	-	-	-	-
				1,172	-
				131	-
				5	-



Over 16" O.D. ....	United States	2	-	.1	1,255	1	2.8
	United Kingdom	-	-	-	13,350	-	-
	Germany	-	-	-	-	-	21.3
Oil country tubing up to and including 3-1/2" O.D. ....	United States	249	-	-	2,344	-	.1
	United Kingdom	161	-	-	2,291	-	-
	France	-	-	-	214	-	-
	Italy	-	-	-	414	-	-
	Japan	639	-	-	3,110	-	-
Casing -	United States	31	-	-	1,238	-	-
J-55 and H-40 .....	United Kingdom	212	-	-	4,172	-	-
	France	-	-	-	819	-	-
	Germany	-	-	-	521	-	-
	Italy	-	-	-	629	-	-
	Japan	549	-	-	13,418	-	-
All other casing .....	United States	33	-	-	3,672	-	-
	United Kingdom	255	-	-	2,260	-	-
	France	-	-	-	664	-	-
	Germany	-	-	-	336	-	-
	Japan	163	-	-	739	-	-
Conduit .....	United States	65	-	-	902	-	-
<hr/>							
Wire products:							
Wire -							2.8
For wire rope .....	United States	73	-	-	423	-	-
	United Kingdom	1,564	-	-	12,548	-	-
	Germany	292	-	-	3,160	-	-
	Japan	218	-	-	777	-	-
For springs, cushions, etc. ....	United States	-	-	-	117	-	-
	United Kingdom	-	-	-	16	-	-
	Japan	22	-	-	177	-	-
For corset clasps, dress stays, etc. ....	United States	10	-	-	56	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon Alloy	Stainless (Tons of 2,000 pounds)	Carbon Alloy	Stainless
Wire products: - (Concluded)					
Wire - (Concluded)					
For corset clasps, dress stays, etc. ....	United Kingdom	2	-	29	-
	Germany	3	-	12	-
Coated - (tin, copper, plastic, paper, paint, etc.) ...					
	United States	31	-	223	1
	United Kingdom	40	3.2	114	8.5
	Austria	-	-	19	.3
	Belgium	-	-	1	-
	Germany	-	-	75	-
	Japan	-	-	8	-
Galvanized fence wire .....					
	United States	-	-	20	-
	United Kingdom	37	-	1,468	-
	Belgium	30	-	88	-
	France	-	-	134	-
	Germany	293	-	1,335	-
Galvanized, n.o.p. ....					
	United States	10	-	225	-
	United Kingdom	111	-	1,261	-
	Austria	3	-	142	-
	Belgium	27	-	214	-
	France	-	-	15	-
	Germany	38	-	112	-
	Japan	56	-	558	-
	Netherlands	-	-	5	-
Wire, n.o.p. ....					
	United States	98	4	1,461	64
	United Kingdom	114	-	1,828	72.0
	Austria	17	3.2	468	4
	Belgium	63	1.1	711	24.8
	Denmark	-	-	2	-
	France	70	-	573	-

	Germany	3	-	-	179	-	-
	Japan	92	-	-	726	-	.5
	Netherlands	-	-	-	65	-	-
	Sweden	25	-	-	144	2	-
Wire rope .....	United States	58	-	.7	190	-	215.2
	United Kingdom	153	-	-	2,373	-	.2
	Austria	-	-	-	63	-	-
	Belgium	7	-	-	102	-	.3
	Denmark	5	-	-	26	-	-
	France	88	-	-	480	-	-
	Germany	95	-	.3	806	-	.3
	Japan	104	-	-	1,056	-	-
	Netherlands	48	-	-	835	-	-
	Norway	4	-	-	45	-	-
	Sweden	-	-	-	20	-	-
	United States	81	95	12.8	1,815	877	258.9
	United Kingdom	50	-	-	512	17	-
	Australia	-	-	-	2	-	-
Welding rods (cut length) .....	Germany	1	-	-	1	-	-
	Sweden	-	-	-	138	-	1.1
Welding wire in coil form (excludes wire for the manufac- ture of welding rods) .....	United States	41	10	1.9	538	95	31.3
	United Kingdom	-	-	-	15	1	-
	Belgium	-	-	-	15	-	-
	Japan	-	-	-	328	-	-
	United States	15	-	-	274	-	19.4
Wire rods (all sizes) .....	United Kingdom	281	-	-	1,674	-	-
	Belgium	756	-	-	1,354	-	-
	Chile	-	-	-	268	-	-
	France	133	-	-	357	-	-
	Germany	172	-	-	3,367	-	-
	Japan	958	-	-	1,232	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	October, 1960		Ten Months Ended October, 1960	
		Carbon	Alloy	Carbon	Alloy
		Stainless (Tons of 2,000 pounds)			
<u>Rails and railway material:</u>					
<u>Rails -</u>					
60 lb. and under per lineal yard.	United States	1	-	-	-
	Belgium	-	-	102	-
	Germany	78	-	39	-
	Netherlands	-	-	623	-
		-	-	24	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	3	-	363	-
	United Kingdom	-	-	151	-
	Germany	-	-	55	-
Over 100 lb. per lineal yard ....	United States	-	-	294	-
<u>Track material -</u>					
Fish plates, angle bars, etc. ...	United States	3	-	4,488	-
	United Kingdom	-	-	1,383	-
	Belgium	-	-	2	-
	Germany	4	-	250	-
	Netherlands	-	-	1	-
Switch points, guard rails .....	United States	-	-	177	-
	United Kingdom	-	-	9	-

Other Railway material -

Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	28	-	-	212	-	-
	United Kingdom	-	-	-	14	-	-
Steel wheels .....	United States	24	-	-	329	-	-
	United Kingdom	150	-	-	6,097	-	-
TOTAL IMPORTS .....		61,100	2,045	823.6	867,590	29,856	9520.6

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels are generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.



Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	October, 1960	Ten Months Ended October, 1960
(Tons of 2,000 pounds)			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	10.8	194.8
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	13.2
Cold rolled bars, n.o.p. ....	United States	5.8	17.4
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	356.5	1,910.8
n.o.p. 3" to 6" .....	United States	-	96.7
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	-	448.6
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	41.9	1,212.0
	United Kingdom	-	15.7
Over 60" up to and including			
100" in width .....	United States	131.7	2,577.9
	United Kingdom	19.7	79.7
Over 100" in width .....	United States	16.7	78.8
Flanged or dished .....	United States	-	202.4
<u>Sheets and strip (except stainless):</u>			
Hot rolled -			
Under 12" in width .....	United States	-	16.1
Over 12" to under 24"			
in width .....	United States	-	18.5
24" to 51" in width .....	United States	-	1,285.9
	United Kingdom	-	5.0
Over 51" in width .....	United States	17.4	1,280.8
	United Kingdom	-	83.4
Cold rolled -			
24" to 51" in width .....	United States	-	128.7
Over 51" in width .....	United States	-	65.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	9.4	119.5
Seamless hot finished - over			
10-1/2" and including 16" O.D....	United States	-	16.5
Welded n.o.p. 4-1/2" O.D.			
and under .....	United States	-	26.2
Total High-strength Low Alloy .....		609.9	9,971.2

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	October, 1960			Ten Months Ended October, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)						
United States .....	28,217	1,563	470.2	436,701	25,501	6,876.1
United Kingdom ....	11,522	192	250.6	206,218	2,351	1,821.4
Australia .....	122	-	-	989	-	-
Austria .....	21	5	2.1	789	113	3.5
Belgium (1) .....	9,715	-	-	97,462	-	.3
Chile .....	-	-	-	268	-	-
Denmark .....	5	-	-	28	-	-
France .....	1,395	-	48.1	19,408	126	259.2
Germany .....	5,543	76	3.2	36,825	236	24.5
Italy .....	-	-	-	1,448	44	-
Japan .....	4,370	-	18.7	58,932	-	282.7
Netherlands .....	125	-	-	1,570	-	-
Norway .....	4	-	-	206	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	61	209	30.7	1,180	1,485	252.9
Switzerland .....	-	-	-	1,030	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	61,100	2,045	823.6	867,590	29,856	9,520.6

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	October, 1960	Ten Months Ended October, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	43,585	356,563
Sponge iron and primary iron n.o.p. ....	251	2,052
Ingots, blooms and billets .....	50,636	256,619
Castings, iron and steel .....	442	6,683
Forgings .....	225	3,021
Hot rolled bars including fabricated .....	3,844	23,409
Cold rolled bars .....	114	2,201
Wire rods .....	3,601	32,379
Plates .....	6,154	35,577
Hot rolled sheets and strips .....	9,618	109,968
Sheets and strips n.o.p. ....	15,518	129,864
Rails .....	9,419	13,724
Structural shapes .....	1,200	8,559
Pipes and tubing - Wrought iron .....	42	764
- Cast iron .....	-	741
- Galvanized .....	17	131
- Other .....	548	31,451
Total .....	145,214	1,013,706

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	November, 1960	Eleven months ended November, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	61,919	1,440,134
(b) From foreign mines .....	198,347	1,916,133
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	77,374	948,281
(b) From foreign mines .....	55,391	714,504
(c) From own processing .....	142,516	1,545,399
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	13,887	152,769
Scrap iron and steel .....	5,357	98,138
Limestone .....	56,179	746,828
Dolomite .....	20,134	233,925
Coke .....	231,099	2,878,603

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, November

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	302,157	12,628	280,123	10,674
Foundry (including silvery pig)** .....	22,628	26,137	31,862	21,439
Malleable .....	28,317	14,947	21,426	25,918
Total pig iron .....	353,102	53,712	333,411	58,031
Ferro-alloys .....	13,578	12,926	11,489	15,111
Stocks of pig iron on hand at end of month	250,202		307,049	

\* Includes amounts for sale and for own use

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Eleven Months Ended November

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig Iron</u>				
Basic .....	3,258,919	108,484	3,325,594	78,795
Foundry (including silvery pig)**....	171,787	118,529	256,224	216,739
Malleable .....	380,035	385,722	401,967	334,335
Total pig iron .....	3,810,741	612,735	3,983,785	629,869
Ferro-alloys .....	117,648	118,062	128,731	129,254

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of November, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	9	3,358,900	68.9
Banked .....	1	200,000	4.1
Blown out .....	6	1,319,000	27.0
Total .....	16	4,877,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	November		Eleven months Ended November	
	1 9 5 9	1 9 6 0	1 9 5 9	1 9 6 0
(Tons of 2,000 pounds)				
Pig iron .....	313,201	275,138	3,192,048	3,268,456
Scrap - Own make .....	149,551	126,859	1,452,741	1,522,225
Purchased .....	139,980	100,587	1,262,084	1,226,692
Total pig iron and scrap .....	602,732	502,584	5,906,873	6,017,373

Table 7 - Production and Shipments of Steel Ingots and Castings, November

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel Ingots</u>				
Open hearth - Basic .....	473,926	23,061	396,601	12,283
Electric .....	58,573	5,057	47,624	6,797
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	532,499	28,118	444,225	19,080
Alloy steel ingots included in above .	25,985	1,244	16,395	348
<u>Steel Castings</u>				
Open hearth - Basic .....	1,198	1,329	197	197
Electric .....	9,160	7,778	7,237	8,252
Other .....	1	1	-	-
Total steel castings .....	10,359	9,108	7,434	8,449
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	246	185	227	177
(b) High alloy, manganese and abrasion resistant .....	900	863	1,347	1,409
(c) All other alloys .....	611	514	344	407
Total alloy castings .....	1,757	1,562	1,918	1,993

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.



Table 8 - Production and Shipments of Steel Ingots and Castings, Eleven Months Ended November

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
<u>Steel Ingots</u>		(Tons of 2,000 pounds)		
Open hearth - basic .....	4,784,342	153,749	4,762,009	117,617
Electric .....	491,922	43,725	584,519	78,677
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	5,276,264	197,474	5,346,528	196,294
Alloy steel ingots included in above ....	233,046	2,203	218,154	6,700
<u>Steel castings</u>				
Open hearth - basic .....	13,735	13,421	2,459	2,927
Electric .....	81,511	77,048	86,859	87,293
Other .....	8	8	3	3
Total steel castings .....	95,254	90,477	89,321	90,223
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	1,774	1,685	2,312	2,262
(b) High alloy, manganese and abrasion resistant .....	13,685	13,024	16,856	16,509
(c) All other alloys .....	3,825	3,262	3,180	3,007
Total alloy castings .....	19,284	17,971	22,348	21,778

\* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with an alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	November, 1960		Eleven Months Ended November, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire .....	-	-	82	-
(b) All other .....	1	307	87	2,440
Automotive industries .....	163	8	1,343	93
Agricultural, including implement and equipment manufacturers .....	68	-	849	9
Machinery and tools .....	1,255	338	13,665	3,469
Mining, Lumbering and quarrying industries .....	635	811	7,031	8,986
Oil and gas, including refineries .....	90	25	941	568
National defence .....	28	13	104	195
Public works and public utilities .....	22	47	292	425
Railway operating .....	3,717	182	33,539	1,995
Railway cars and locomotives .....	49	-	7,444	263
Shipbuilding .....	18	1	419	149
Miscellaneous and unclassified .....	410	261	2,649	3,186
Total shipments .....	6,456	1,993	68,445	21,778

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
			(Tons of 2,000 pounds)		
<u>1 9 5 9</u>					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months.	4,181,794	129,705	5,817,012	104,716	5,921,728
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
Total eleven months.	3,983,785	128,731	5,346,528	89,321	5,435,849



Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, November, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	18,934	17,203
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	51,578	46,442
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,252	5,613
Total .....	76,764	69,258
Steel pipe fittings:		
(a) Buttwelding fittings .....	69	78
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	479	467
Total .....	548	545

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Eleven Months Ended November, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	171,873	168,507
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	212,219	194,910
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	64,070	61,977
Total .....	448,162	425,394
Steel pipe fittings:		
(a) Buttwelding fittings .....	996	1,081
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	5,095	5,495
Total .....	6,091	6,576

\* Comparable data for previous year not available.

(1) Included with other.

Primary Iron and Steel

- 7 -

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products,  
November, 1960

	Production	Total of all shipments	Shipments for further processing	Net Shipments
	(Tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	44,617	54,047	7,392	46,655
(b) For forging and piercing ....	14,392	14,392	-	14,392
Rails .....	17,507	1,494	-	1,494
Wire rods .....	20,155	25,097	150	24,947
Structural shapes:				
(a) Heavy, including piling .....	8,465	10,838	-	10,838
(b) Light .....	4,261	6,307	-	6,307
Concrete reinforcing bars .....	28,382	26,856	-	26,856
Other hot rolled bars .....	26,375	26,099	2,848	23,251
Tie plates and track material:				
(a) Angle bars .....	808	635	-	635
(b) Tie plates .....	2,984	70	-	70
(c) Track spikes .....	475	246	-	246
Plates (including plates for pipes and tubes) .....	61,897	64,643	-	64,643
Hot rolled sheets and strip .....	134,913	143,925	103,221	40,704
Total all hot rolled products ...	365,231	374,649	113,611	261,038
<u>Cold rolled and coated</u>				
Cold finished bars .....	2,792	2,801	-	2,801
Cold reduced strip .....	3,703	4,144	-	4,144
Cold reduced sheets, tin mill black plate and tin plate .....	102,284	100,484	46,002	54,482
Galvanized sheets .....	21,757	24,520	-	24,520
Total all cold rolled and coated	130,536	131,949	46,002	85,947
Grand total all carbon products .....	495,767	506,598	159,613	346,985
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing .....	440	440	-	440
Alloy plates .....	8	8	-	8
Other hot rolled bars, including high-speed steel and alloy tool steel .....	6,577	6,215	88	6,127
Structurals .....	-	-	-	-
Cold finished bars .....	436	474	-	474
Wire rods .....	136	139	-	139
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,169	2,308	-	2,308
Total all alloy products .....	9,766	9,584	88	9,496

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Eleven Months Ended November, 1960

	Production	Total of all Shipments	Shipments for further processing	Net Shipments
	(Tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	445,852	410,639	178,873	231,766
(b) For forging and piercing	194,900	157,205	-	157,205
Rails .....	207,561	184,831	-	184,831
Wire rods .....	330,032	336,387	2,321	334,066
Structural shapes:				
(a) Heavy, including piling .	156,707	153,470	-	153,470
(b) Light .....	63,604	60,775	-	60,775
Concrete reinforcing bars .....	344,264	330,068	-	330,068
Other hot rolled bars .....	295,364	301,390	22,973	278,417
Tie plates and track material:				
(a) Angle bars .....	11,243	11,768	-	11,768
(b) Tie plates .....	34,159	31,558	-	31,558
(c) Track spikes .....	7,201	6,691	-	6,691
Plates (including plates for pipes and tubes) .....	475,238	483,579	535	483,044
Hot rolled sheets and strip ...	1,951,291	1,936,882	1,357,991	578,891
Total all hot rolled products	4,517,416	4,405,243	1,562,693	2,842,550
<u>Cold rolled and coated</u>				
Cold finished bars .....	29,588	28,843	-	28,843
Cold reduced strip .....	45,273	47,338	-	47,338
Cold reduced sheets, tin mill black plate and tin plate ...	1,327,085	1,310,363	574,828	735,535
Galvanized sheets .....	273,269	266,083	247	265,836
Total all cold rolled and coated .....	1,675,215	1,652,627	575,075	1,077,552
Grand total all carbon products .....	6,192,631	6,057,870	2,137,768	3,920,102
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing	8,695	8,939	6	8,933
Alloy plates .....	332	332	-	332
Other hot rolled bars, including high-speed steel and alloy tool steel .....	74,392	71,780	500	71,280
Structurals .....	-	-	-	-
Cold finished bars .....	5,421	5,066	-	5,066
Wire rods .....	1,302	1,340	3	1,337
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	25,345	25,387	-	25,387
Total all alloy products ....	115,683	113,040	705	112,335

Table 15 - Disposition of Shipments\* of Rolled Steel Products

SDI No.	November, 1960		Eleven Months Ended November, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
4 Wholesalers and warehouses .....	37,203	350	459,183	8,829
5 Direct export:				
(a) British Columbia .....	47,472	1,329	216,746	10,504
(b) All other .....	48,151	509	354,204	7,195
6 Automotive industries .....	11,524	3,118	181,145	39,843
7 Agricultural, including implement and equipment manufacturers .....	9,280	200	81,255	2,522
8 Building construction .....	56,615	75	768,615	1,440
9 Container industry .....	13,969	6	317,988	239
10 Machinery and tools .....	12,556	1,103	160,484	15,584
11 Merchant trade products .....	26,779	580	374,640	6,832
12 Mining, lumbering, etc. ....	5,793	1,829	64,697	14,541
13 National defence .....	64	45	4,378	642
14 Pressing, forming and stamping .....	12,337	314	176,231	3,433
15 Public works and utilities .....	2,612	-	21,640	16
16 Railway operating .....	1,230	19	212,283	230
17 Railway cars and locomotives .....	1,222	11	46,496	270
18 Shipbuilding .....	2,602	8	33,580	177
19 Pipes and tubes .....	57,233	-	441,922	38
20 Miscellaneous and unclassified .....	343	-	4,615	-
Net shipments .....	346,985	9,496	3,920,102	112,335

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, November

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy including piling	Light	
(Tons of						
Wholesale, etc. ....	-	32	872	3,563	1,674	5,803
Export:						
British Empire .....	32,139	-	1,204	-	-	1,050
All Other .....	20,234	200	1,675	30	-	1,097
Automotive .....	2,184	-	41	34	59	-
Agriculture, etc. ....	34	-	23	168	915	-
Building .....	-	471	723	5,649	2,445	15,963
Container .....	-	-	2	-	-	-
Machinery, etc. ....	79	8	137	203	173	860
Merchant trade .....	114	-	20,270	-	40	716
Mining, etc. ....	347	733	101	212	22	127
National defence .....	-	-	-	-	-	37
Pressing, etc. ....	65	-	34	115	836	-
Public works, etc. ....	-	-	2	648	18	1,132
Railway operating .....	-	-	1	38	11	-
Railway cars, etc. ....	-	50	1	81	112	-
Shipbuilding .....	1	-	-	97	1	-
Pipes and tubes .....	6,286	-	-	-	-	-
Miscellaneous .....	4	-	-	-	1	71
Net shipments .....	61,487	1,494	25,086	10,838	6,307	26,856

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



1960

Other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
4,433	-	5,320	4,847	674	366	5,281	4,688	37,553
836	-	703	8,427	3	-	1,949	2,490	48,801
290	-	205	3,380	2	67	18,237	3,243	48,660
4,318	-	95	4,401	780	513	1,998	219	14,642
3,123	-	863	2,176	861	508	566	243	9,480
2,215	50	10,291	3,754	19	371	2,982	11,757	56,690
4	-	62	29	1	-	13,661	216	13,975
3,441	-	3,817	2,465	380	814	1,190	92	13,659
4,999	-	8	638	304	14	191	65	27,359
4,386	55	670	487	45	-	427	10	7,622
27	-	-	15	5	25	-	-	109
720	-	432	3,100	194	490	5,510	1,155	12,651
38	-	638	-	-	38	98	-	2,612
133	845	66	106	-	-	13	36	1,249
316	1	617	12	1	-	42	-	1,233
36	-	2,311	143	-	-	-	21	2,610
-	-	38,541	9,001	-	861	2,259	285	57,233
63	-	12	31	6	77	78	-	343
29,378	951	64,651	43,012	3,275	4,144	54,482	24,520	356,481

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Eleven

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	1	1,139	10,504	35,680	16,972	65,586
Export:						
British Empire .....	156,653	-	12,672	-	-	5,947
All other .....	98,149	20,177	19,343	781	79	4,096
Automotive .....	16,324	7	73	781	749	12
Agricultural, etc. ....	126	-	552	5,137	5,995	2
Building .....	2,139	1,770	11,691	86,419	24,425	213,399
Container .....	-	-	21	-	-	765
Machinery, etc. ....	6,027	1,261	1,828	4,715	2,379	4,554
Merchant trade .....	3,787	-	277,141	1,097	890	17,078
Mining, etc. ....	2,084	7,128	948	4,153	662	749
National defence .....	86	-	-	196	-	258
Pressing etc. ....	127	78	306	781	7,544	172
Public works, etc. ....	-	187	250	776	33	16,544
Railway operating .....	53	152,659	71	1,040	211	425
Railway cars, etc. ....	9,680	331	2	9,104	590	19
Shipbuilding .....	8	24	1	2,706	234	6
Pipes and tubes .....	101,652	70	-	5	-	-
Miscellaneous .....	1,008	-	-	99	12	456
Net shipments .....	397,904	184,831	335,403	153,470	60,775	330,068

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Months Ended November, 1960

other hot rolled bars	Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
49,356	126	63,819	74,665	8,363	3,250	83,693	54,858	468,012
3,389	-	3,883	29,800	75	90	7,695	7,046	227,250
6,460	4,855	25,676	64,473	208	73	100,810	16,219	361,399
53,869	-	2,585	89,904	8,830	8,152	36,596	3,106	220,988
31,821	-	4,931	19,571	4,408	924	8,000	2,310	83,777
32,736	111	142,024	53,684	269	3,768	46,096	151,524	770,055
51	10	156	3,878	9	45	311,647	1,645	318,227
39,631	65	45,076	31,460	4,696	13,225	18,694	2,457	176,068
61,639	52	596	8,418	3,128	643	6,136	867	381,472
44,526	718	7,677	5,234	544	86	4,452	277	79,238
782	-	2,835	124	239	456	-	44	5,020
9,787	-	7,342	45,953	2,898	5,734	78,833	20,109	179,664
661	95	1,239	25	-	1,121	725	-	21,656
5,968	43,845	4,839	1,920	76	-	456	950	212,513
6,844	109	13,314	4,990	10	-	723	1,050	46,766
1,622	31	27,106	1,400	78	-	51	490	33,757
-	-	130,149	168,694	6	8,745	29,996	2,643	441,960
555	-	129	85	72	1,026	932	241	4,615
349,697	50,017	483,376	604,278	33,909	47,338	735,535	265,836	4,032,437

\*\* Abbreviations correspond to headings in Table 15.

# Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960			Eleven Months Ended November, 1960		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	2,802	-	-
Other .....	United States	-	-	-	359	-	-
	United Kingdom	-	-	-	90	-	-
	Australia	-	-	-	796	-	-
	Spain	-	-	-	4,480	-	-
	U.S.S.R.	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	2	4.0	451	194	69.3
	United Kingdom	-	-	-	7	-	-
Billets, blooms, slabs and sheet bars	United States	12	32	17.5	503	455	609.0
	United Kingdom	-	-	10.6	7	-	44.7
<u>Bars and sections:</u>							
Hot rolled bars, n.o.p. ....	United States	979	163	31.5	11,688	2,467 <sup>r</sup>	164.0
	United Kingdom	119	19	18.6	2,070 <sup>r</sup>	616	169.0
	Austria	-	-	-	8	12	1.4
	Belgium	2,113	-	-	12,835	-	-
	France	273	-	-	1,821	-	-
	Germany	330	52	-	971	52	2.9
	Japan	22	-	-	1,589	-	-
	Sweden	-	-	.9	309	15	2.4
Hot rolled bars for agricultural implements .....	United States	364	-	-	3,878	288	-
	United Kingdom	-	-	-	11	-	-
Rounds over 4 7/8", squares over 4" .	United States	38	6	.8	1,023	66	9.4
	United Kingdom	87	-	1.0	391	37	10.4
	Belgium	5	-	-	30	-	-

Concrete reinforcing bars .....	United States	21	-	-	152	-	-
	United Kingdom	-	-	-	50	-	-
	Belgium	612	-	-	15,421	-	-
	France	418	-	-	3,584	-	-
	Germany	288	-	-	3,018	-	-
	Japan	208	-	-	6,284	-	-
	Norway	-	-	-	34	-	-
Sash or casement sections .....	United States	110.	-	-	1,961	-	-
	United Kingdom	19	-	-	308	-	-
	Belgium	-	-	-	211	-	-
Cold rolled bars, n.o.p. ....	United States	47	128	16.3	1,378	505r	143.0
	United Kingdom	524	3	8.6	4,119r	27	67.8
	Austria	-	-	-	-	2	.4
	Belgium	33	-	-	688	-	-
	France	-	-	-	2	-	-
	Germany	-	21	-	23	45	-
	Japan	15	-	-	33	-	-
	Sweden	1	-	-	16	-	-
Cold rolled bars for agricultural implements .....	United States	86	1	-	289	5	-
Tool steel:							
All forms and sizes .....	United States	217	80	-	2,456	1,167	-
	United Kingdom	36	26	-	136	398	-
	Austria	1	5	-	12	104	-
	France	-	20	-	-	142	-
	Germany	-	3	-	-	40	-
	Sweden	15	10	-	30	195	-
Structural shapes:							
Wide flange beams .....	United States	12,935	-	-	194,386	-	-
	United Kingdom	2,488	-	-	69,421	-	-
	Belgium	1,945	-	-	16,918	-	-
	France	-	-	-	89	-	-
	Germany	2,110	-	-	5,839	-	-

r - Revised figures - adjusting August.



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		Eleven Months Ended November, 1960	
		Carbon	Alloy Stainless	Carbon	Alloy Stainless
(Tons of 2,000 pounds)					
Structural shapes (Concluded):					
Sheet piling .....	United States	117	-	7,224	-
	United Kingdom	156	-	8,036	-
	Belgium	-	-	11,171	-
	France	-	-	49	-
	Germany	507	-	1,689	-
	Japan	-	-	45	-
Structurals, n.o.p. 3" to 6" .....					
	United States	475	-	8,354	14.9
	United Kingdom	207	-	1,791	3.7
	Belgium	1,327	-	15,138	-
	France	330	-	4,095	-
	Germany	65	-	322	-
	Japan	-	-	185	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....					
	United States	1,400	-	25,898	-
	United Kingdom	956	-	5,324	-
	Belgium	607	-	9,214	-
	France	442	-	3,199	-
Bar size structurals, n.o.p. ....					
	United States	313	4.7	4,239	27 122.4
	United Kingdom	-	.3	446	5.0
	Belgium	3,424	-	15,958	-
	France	484	-	2,175	-
	Germany	253	-	1,251	-
	Italy	-	-	121	-
	Japan	22	-	518	-
	Netherlands	-	-	5	-
	Norway	-	-	18	-
	Sweden	-	5.8	-	30.0

Bar size structurals for agricultural implements .....

United States	35	-	-	1,621	18	-
Germany	-	-	-	40	-	-

Plates:

60" and under in width .....

United States	369	24	5.7	6,032	318	359.4
United Kingdom	59	-	19.4	3,626	11	217.7
Austria	-	-	-	11	-	-
Belgium	314	-	-	2,708	-	-
France	-	-	-	139	-	-
Germany	112	-	-	2,115	-	-
Japan	84	-	-	7,795	-	-
Netherlands	-	-	-	48	-	-
Sweden	-	-	8.5	21	-	46.6

Over 60" up to and including 100" in width .....

United States	370	45	13.7	14,063	335	791.2
United Kingdom	424	-	-	9,697	-	5.1
Austria	-	-	-	67	-	-
Belgium	120	-	-	2,190	-	-
France	-	-	-	615	-	-
Germany	23	-	-	7,539	-	-
Japan	1,215	-	-	18,210	-	-
Netherlands	-	-	-	21	-	-
Sweden	-	-	-	-	-	19.5

Over 100" in width .....

United States	274	-	1.1	4,511	115	47.6
United Kingdom	-	-	-	1,618	-	13.5
Germany	-	-	-	963	-	-

Flanged or dished .....

United States	188	-	5.0	2,641	65	85.1
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Floor plate .....

United States	430	-	.2	10,060	-	7.3
United Kingdom	255	-	-	2,359	-	-
Belgium	-	-	-	69	-	-
France	-	-	-	58	-	-
Germany	-	-	-	156	-	-
Japan	12	-	-	243	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		Eleven Months Ended November, 1960	
		Carbon	Alloy Stainless	Carbon	Alloy Stainless
(Tons of 2,000 pounds)					
<u>Sheets and strip (except stainless):</u>					
Hot rolled -					
Under 12" in width .....	United States	185	-	5,292	66
	United Kingdom	193	-	495	2
	Belgium	312	-	2,400	-
	France	119	-	370	-
	Germany	56	-	75	-
	Japan	-	-	98	-
12" up to but not including 24"					
in width .....	United States	97	14	900	79
	United Kingdom	-	-	4	-
	Germany	6	-	11	-
24" to 51" in width .....					
	United States	536	-	6,105	310
	United Kingdom	5	-	565	-
	Belgium	25	-	277	-
	France	-	-	42	-
	Germany	-	-	31	-
	Japan	44	-	1,664	-
	Sweden	-	-	6	-
Over 51" in width .....					
	United States	451	-	13,757	5
	United Kingdom	-	-	105	-
	Belgium	-	-	41	-
	Germany	22	-	83	-
	Japan	22	-	94	-
Cold rolled -					
Under 24" in width .....	United States	180	6	3,741	88
	United Kingdom	15	-	463	-
	Belgium	63	-	145	-
	Germany	-	-	103	-
	Sweden	131	-	380	2

24" to 51" in width .....	United States United Kingdom Australia Japan Sweden	416 24 - - -	- - - - -	- - - - -	5,857 1,926 128 72 5	- - - - -	7
Over 51" in width .....	United States United Kingdom	723 -	- -	- -	11,601 47	- -	-
Enamelling grade .....	United States United Kingdom	520 26	- -	- -	11,127 821	- -	-
Aluminized .....	United States United Kingdom	76 -	- -	- -	1,312 5	- -	-
Coated (other than metal or asbestos bonded) .....	United States United Kingdom Germany Netherlands	917 93 - -	- - - -	- - - -	9,254 667 163 2	- - - -	- - - -
Asbestos bonded (includes galvanized and corrugated) .....	United States United Kingdom	151 4	- -	- -	1,962 351	- -	- -
Metal coated, n.o.p. ....	United States United Kingdom Germany	98 2 18	- - -	- - -	1,091 3 132	- - -	- - -
Electro galvanized .....	United States United Kingdom	90 -	- -	- -	1,460 94	- -	- -
Galvanized, n.o.p. ....	United States United Kingdom Germany Japan	205 26 - -	- - - -	- - - -	3,134 337 19 35	- - - -	- - - -

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		Eleven Months Ended November, 1960	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
Sheets and strip (except stainless): - (Concluded)					
Electrical (silicon content 2.90 or more)	United States	-	833	-	13,645
	United Kingdom	-	-	-	195
	Sweden	-	-	-	1
Electrical, n.o.p.	United States	-	90	-	910
	United Kingdom	-	68	-	155
Saw steel	United States	14	80	-	1,410
	United Kingdom	-	8	-	60
	France	-	-	-	4
	Germany	-	2	-	3
	Sweden	-	46	-	286
Hot rolled wasters	United States	48	-	-	575
	United Kingdom	-	-	-	28
Cold rolled wasters	United States	130	-	-	2,573
	United Kingdom	-	-	-	2,448
Black plate	United States	5	-	-	207
Tin plate primes	United States	77	-	-	958
	United Kingdom	71	-	-	110
	Australia	-	-	-	41
Tin plate electrolytic	United States	52	-	-	356
	United Kingdom	-	-	-	4,602
Tin plate wasters and seconds	United States	26	-	-	126
Terne plate long	United States	476	-	-	7,144
	United Kingdom	-	-	-	120



	Australia	-	-	22	-	-
	United States	30	-	470	-	-
	United States	7	-	623	-	-
	United Kingdom	13	-	167	-	-
	Belgium	-	-	7	-	-
	Japan	6	-	12	-	-
<b>Stainless sheets and strip:</b>						
<b>Hot rolled -</b>						
Under 24" in width 18 gauge						
	and heavier	-	-	-	-	21.9
		-	-	-	-	2.8
Under 24" in width lighter						
	than 18 gauge	-	-	-	-	5.3
		-	-	-	-	.3
24" up to and including 51" in						
	width 18 gauge and heavier	-	-	-	-	145.9
		-	-	-	-	563.4
		-	-	-	-	5.6
		-	-	-	-	.1
		-	-	-	-	186.3
24" up to and including 51" in						
	width lighter than 18 gauge	-	-	-	-	30.6
		-	-	-	-	113.7
		-	-	-	-	1.5
		-	-	-	-	1.5
Over 51" in width 18 gauge and						
	heavier	-	-	-	-	85.7
		-	-	-	-	3.2
		-	-	-	-	28.7
Over 51" in width lighter than						
	18 gauge	-	-	-	-	2.0
<b>Cold rolled -</b>						
Under 24" in width 18 gauge and						
	heavier	-	-	-	-	322.5
		-	-	-	-	16.6

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		November, 1960		Carbon Alloy	Stainless	Carbon Alloy	Stainless	Eleven Months Ended November, 1960
		Carbon	Alloy	Carbon	Alloy					
(Tons of 2,000 pounds)										
Stainless sheets and strip:- (Concluded)										
Cold rolled -										
Under 24" in width lighter than	United States	-	-	85.3	-	-	-	-	-	1,079.9
18 gauge .....	France	-	-	-	-	-	-	-	-	2.0
	Sweden	-	-	2.2	-	-	-	-	-	2.2
Cold rolled, n.o.p. ....	United States	-	-	83.5	-	-	-	-	-	1,935.5
	United Kingdom	-	-	61.9	-	-	-	-	-	634.1
	France	-	-	15.7	-	-	-	-	-	237.9
	Japan	-	-	30.6	-	-	-	-	-	311.7
	Sweden	-	-	-	-	-	-	-	-	11.1
Plate, sheet and strip for pipes and tubes:										
Hot rolled -										
15-3/8" and under in width .....	United States	47	-	-	-	13,011	-	-	-	-
	United Kingdom	-	-	-	-	4,980	-	-	-	-
	Netherlands	-	-	-	-	167	-	-	-	-
Over 15-3/8" in width .....	United States	-	-	-	-	1,231	-	-	-	-
Hot rolled plate for pipe .....	United States	611	-	-	-	7,727	-	-	-	-
	United Kingdom	228	-	-	-	228	-	-	-	-
	France	-	-	-	-	153	-	-	-	-
	Germany	-	-	-	-	654	-	-	-	-
	Italy	-	-	-	-	166	-	-	-	-
	Japan	703	-	-	-	1,417	-	-	-	-
Cold rolled .....	United States	21	-	-	-	72	-	-	-	-
Pipes and tubes:										
Spiral Welded .....	United States	160	-	-	-	1,361	-	-	-	-
	Germany	25	-	-	-	79	-	-	-	-
Cast .....	United States	11	-	-	-	1,534	-	-	-	-
	United Kingdom	752	-	-	-	17,329	-	-	-	-

For pressure parts of boilers -  
Seamless hot finished .....

United States	251	2	-	1,177	289	38.5
United Kingdom	2	-	-	451	100	-
Germany	-	-	-	133	-	-
Sweden	-	-	-	1	-	-

Seamless cold drawn .....

United States	-	-	-	229	52	6.9
United Kingdom	17	-	-	359	70	-
France	-	-	-	30	-	-
Germany	-	-	-	14	-	-

Welded .....

United States	7	-	2.7	172	-	2.7
United Kingdom	44	-	-	2,508	-	-
France	-	-	-	21	-	-
Germany	22	-	-	169	-	-
Switzerland	86	-	-	1,115	-	-

Seamless cold drawn, n.o.p. ....

United States	98	3	31.9	1,911	62	238.7
United Kingdom	15	-	7.4	509	26	127.4
Belgium	-	-	-	138	-	-
France	-	-	-	-	-	35.0
Germany	-	-	-	103	-	-
Sweden	41	-	2.3	143	1	12.7

Mechanical tubing .....

United States	712	279	1.8	8,702	3,141	53.9
United Kingdom	-	-	-	716	80	1.3
France	-	-	-	137	-	-
Germany	11	25	-	256	199	-
Japan	-	-	-	12	-	-
Netherlands	-	-	-	68	-	-
Sweden	-	70	-	136	1,109	-

Seamless hot finished, n.o.p. -  
Up to and including 6-5/8" O.D..

United States	42	26	.1	831	132	14.9
United Kingdom	30	41	-	550	618	-
Germany	-	-	-	131	-	-
Italy	-	-	-	-	4	-
Japan	-	-	-	104	-	-
Sweden	-	-	-	3	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		November, 1960		November, 1960	
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Pipes and tubes: (Concluded)							
Seamless hot finished, n.o.p. -							
Over 6-5/8" O.D. up to and							
including 10-1/2" O.D. ....							
	United States	20	-	-	166	26	-
	United Kingdom	11	-	-	157	9	-
	Germany	-	-	-	3	-	-
	Italy	-	-	-	1	40	-
	Japan	136	-	-	136	-	-
Over 10-1/2" O.D. up to and							
including 16" O.D. ....							
	United States	115	-	-	1,903	30	-
	United Kingdom	-	-	-	3,273	81	-
	Italy	-	-	-	2	-	-
Over 16" O.D. ....							
	United States	278	-	-	1,758	2	-
	United Kingdom	-	-	-	3,422	-	-
	Italy	-	-	-	115	-	-
Drill pipe ....							
	United States	82	-	-	1,976	-	-
Welded n.o.p. -							
Up to and including 4-1/2" O.D.							
	United States	393	-	5.1	2,358	-	145.3
	United Kingdom	340	-	.7	4,547	-	9.6
	Belgium	-	-	-	277	-	-
	France	795	-	-	2,434	-	-
	Germany	502	-	-	4,127	-	-
	Japan	21	-	-	767	-	-
	Netherlands	46	-	-	375	-	-
	Norway	-	-	-	95	-	-
	Sweden	5	-	.3	16	-	.3
	Switzerland	-	-	-	1	-	-
Over 4-1/2" O.D. up to and							
including 16" O.D. ....							
	United States	246	-	12.2	1,418	2	69.2
	Germany	-	-	-	131	-	-
	Japan	62	-	-	62	-	-
	Sweden	-	-	-	5	-	-

Over 16" O.D. ....	United States United Kingdom Germany	1 - -	- - -	- - -	1,256 13,350 -	1 - -	2.8 - 21.3
Oil country tubing up to and including 3-1/2" O.D. ....	United States United Kingdom France Italy Japan	218 231 - - -	- - - - -	- - - - -	2,562 2,522 214 414 3,110	- - - - -	.1 - - - -
Casing - J-55 and H-40 .....	United States United Kingdom France Germany Italy Japan	69 - - - - 116	- - - - - -	- - - - - -	1,307 4,172 819 521 629 13,534	- - - - - -	- - - - - -
All other casing .....	United States United Kingdom France Germany Japan	95 175 - - 473	- - - - -	- - - - -	3,767 2,435 664 336 1,212	- - - - -	- - - - -
Conduit .....	United States	120	-	-	1,022	-	-

Wire products:

Wire -							
For wire rope .....	United States United Kingdom Germany Japan	5 966 343 242	- - - -	- - - -	428 13,514 3,503 1,019	- - - -	2.8 - - -
For springs, cushions, etc. ...	United States United Kingdom Japan	1 - 23	- - -	- - -	118 16 200	- - -	- - -
For corset clasps, dress stays, etc. ....	United States	4	-	-	60	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		Eleven Months Ended November, 1960	
		Carbon Alloy	Stainless (Tons of 2,000 pounds)	Carbon Alloy	Stainless
Wire products: - (Concluded)					
Wire - (Concluded)					
For corset clasps, dress stays, etc. ....	United Kingdom	3	-	32	-
	Germany	-	-	12	-
Coated - (tin, copper, plastic, paper, paint, etc.) ..	United States	25	-	248	1 9.7
	United Kingdom	24	-	138	- .3
	Austria	-	-	19	-
	Belgium	5	-	6	-
	Germany	5	-	80	-
	Japan	-	-	8	-
Galvanized fence wire .....	United States	-	-	20	-
	United Kingdom	93	-	1,561	-
	Belgium	-	-	88	-
	France	80	-	214	-
	Germany	278	-	1,613	-
Galvanized, n.o.p. ....	United States	18	-	243	-
	United Kingdom	98	-	1,359	-
	Austria	3	-	145	-
	Belgium	71	-	285	-
	France	30	-	45	-
	Germany	104	-	216	-
	Japan	112	-	670	-
	Netherlands	-	-	5	-
Wire, n.o.p. ....	United States	101	4	1,562	68 79.3
	United Kingdom	98	2	1,926	6 25.5
	Austria	52	-	520	-
	Belgium	60	-	771	-
	Denmark	-	-	2	-
	France	57	-	630	-

Germany	1	-	-	180	-	-
Japan	30	-	-	756	-	.5
Netherlands	20	-	-	85	-	-
Sweden	36	-	-	180	2	-

Wire rope .....	17	-	1.1	207	-	216.3
United States	314	-	-	2,687	-	.2
United Kingdom	3	-	-	66	-	-
Austria	23	-	-	125	-	.3
Belgium	-	-	-	26	-	-
Denmark	31	-	-	511	-	-
France	78	-	-	884	-	.3
Germany	42	-	-	1,098	-	-
Japan	89	-	-	924	-	-
Netherlands	-	-	-	45	-	-
Norway	-	-	-	20	-	-
Sweden	-	-	-	-	-	-

Welding rods (cut length) .....	99	69	22.6	1,914	946	281.5
United States	120	-	-	632	17	-
United Kingdom	-	-	-	2	-	-
Australia	-	-	-	1	-	-
Germany	-	-	-	138	-	1.1
Sweden	-	-	-	-	-	-

Welding wire in coil form  
(excludes wire for the manufacture of welding rods) .....

United States	89	2	1.4	627	97	32.7
United Kingdom	-	-	-	15	1	-
Belgium	-	-	-	15	-	-
Japan	-	-	-	328	-	-

Wire rods (all sizes) .....

United States	58	-	3.5	332	-	22.9
United Kingdom	100	-	-	1,774	-	-
Belgium	223	-	-	1,577	-	-
Chile	-	-	-	268	-	-
France	2,158	-	-	2,515	-	-
Germany	547	-	2.9	3,914	-	2.9
Japan	597	-	-	1,829	-	-
Netherlands	566	-	-	566	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	November, 1960		Eleven Months Ended November, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
		(Tons of 2,000 pounds)			
Rails and railway material:					
Rails -					
60 lb. and under per lineal yard.	United States	19	-	121	-
	Belgium	-	-	39	-
	Germany	203	-	826	-
	Netherlands	-	-	24	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	50	-	413	-
	United Kingdom	-	-	151	-
	Germany	-	-	55	-
Over 100 lb. per lineal yard ...	United States	1,462	-	1,756	-
Track material -					
Fish plates, angle bars, etc. ..	United States	49	-	4,537	-
	United Kingdom	-	-	1,383	-
	Belgium	-	-	2	-
	Germany	117	-	367	-
	Netherlands	-	-	1	-
Switch points, guard rails .....	United States	7	-	184	-
	United Kingdom	-	-	9	-

Other Railway material -

Axles .....	United States	-	-	-	65	-	-
Steel tires .....	United States	3	-	-	215	-	-
	United Kingdom	1	-	-	15	-	-
Steel wheels .....	United States	33	-	-	362	-	-
	United Kingdom	19	-	-	6,116	-	-
TOTAL IMPORTS .....		67,237	2,319	751.0	934,827	32,175	1,0271.6

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels is generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.

Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	November 1960	Eleven Months Ended November, 1960
(Tons of 2,000 pounds)			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	8.0	202.8
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	13.2
Cold rolled bars, n.o.p. ....	United States	-	17.4
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	350.2	2,278.3 <sup>r</sup>
n.o.p. 3" to 6" .....	United States	-	96.7
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	7.0	455.6
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	184.6	1,396.6
	United Kingdom	-	15.7
Over 60" up to and including 100" in width .....	United States	73.4	2,651.3
	United Kingdom	-	79.7
Over 100" in width .....	United States	-	78.8
Flanged or dished .....	United States	15.9	218.3
<u>Sheets and strip (except stainless):</u>			
Hot rolled -			
Under 12" in width .....	United States	-	16.1
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	31.6	1,317.5
	United Kingdom	-	5.0
Over 51" in width .....	United States	-	1,280.8
	United Kingdom	-	83.4
Cold rolled -			
24" to 51" in width .....	United States	10.8	139.5
Over 51" in width .....	United States	12.6	78.0
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	7.1	126.6
Seamless hot finished - over 10-1/2" and including 16" O.D..	United States	-	16.5
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		701.2	10,689.7

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

r - Revised figures - adjusting October



Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	November, 1960			Eleven Months Ended November, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)						
United States .....	29,927	1,898	394.0	466,628	27,399	7,270.1
United Kingdom ....	9,483	167	213.9	215,701	2,518	2,035.3
Australia .....	-	-	-	989	-	-
Austria .....	59	5	3.9	848	118	7.4
Belgium (1) .....	11,282	-	-	108,744	-	.3
Chile .....	-	-	-	268	-	-
Denmark .....	-	-	-	28	-	-
France .....	5,217	20	15.7	24,625	146	274.9
Germany .....	6,026	103	2.9	42,851	339	27.4
Italy .....	-	-	-	1,448	44	-
Japan .....	4,207	-	31.1	63,139	-	313.8
Netherlands .....	721	-	-	2,291	-	-
Norway .....	-	-	-	206	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	229	126	89.5	1,409	1,611	342.4
Switzerland .....	86	-	-	1,116	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	67,237	2,319	751.0	934,827	32,175	10,271.6

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	November, 1960	Eleven Months Ended November, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	78,465	435,028
Sponge iron and primary iron n.o.p. ....	371	2,423
Ingots, blooms and billets .....	65,855	322,474
Castings, iron and steel .....	670	7,353
Forgings .....	242	3,263
Hot rolled bars including fabricated .....	3,134	26,543
Cold rolled bars .....	155	2,356
Wire rods .....	2,441	34,820
Plates .....	1,363	36,940
Hot rolled sheets and strips .....	8,979	118,947
Sheets and strips n.o.p. ....	25,693	155,557
Rails .....	10,505	24,229
Structural shapes .....	82	8,641
Pipes and tubing - Wrought iron .....	62	826
- Cast iron .....	-	741
- Galvanized .....	1	132
- Other .....	1,663	33,114
Total .....	199,681	1,213,387

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.







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# PRIMARY IRON AND STEEL

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# PRIMARY IRON AND STEEL

## (a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges\*

	December, 1960	Twelve months ended December, 1960
	(Tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines .....	63,848	1,503,982
(b) From foreign mines .....	167,063	2,083,196
Pyrite cinder .....	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines .....	79,314	1,027,595
(b) From foreign mines .....	53,637	768,141
(c) From own processing .....	103,920	1,649,319
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.) .....	11,023	163,792
Scrap iron and steel .....	2,551	100,689
Limestone .....	51,200	798,028
Dolomite .....	18,859	252,784
Coke .....	199,090	3,077,693

\* Does not include charges into furnaces used in the smelting of titanium ores.

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, December

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic .....	325,022	4,361	260,949	1,115
Foundry (including silvery pig)** .....	17,365	27,926	21,696	37,124
Malleable .....	28,666	20,403	11,995	9,080
Total pig iron .....	371,053	52,690	294,640	47,319
Ferro-alloys .....	12,057	19,554	8,525	7,268
Stocks of pig iron on hand at end of month.	246,742		318,063	

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Twelve Months Ended December

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Tons of 2,000 pounds)			
<u>Pig Iron</u>				
Basic .....	3,583,941	112,845	3,586,543	79,910
Foundry (including silvery pig)**	189,152	146,455	277,920	253,863
Malleable .....	408,701	406,125	413,962	343,415
Total pig iron .....	4,181,794	665,425	4,278,425	677,188
Ferro-alloys .....	129,705	137,616	137,256	136,522

\* Includes amounts for sale and for own use.

\*\* Includes as pig iron the re-melt iron product produced in connection with the smelting of titanium ores.

Table 4 - Description of Iron Blast Furnaces\* at End of December, 1960

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per Cent
In blast .....	9	3,358,900	68.9
Banked .....	1	200,000	4.1
Blown out .....	6	1,319,000	27.0
Total .....	16	4,877,900	100.0

\* Does not include capacity of equipment used in the smelting of titanium ores.

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1960

	Annual capacity
	(Tons of 2,000 pounds)
Ingots - Basic open hearth .....	4,481,000
Electric .....	798,000
Oxygen .....	1,440,000
Total ingots .....	6,719,000
Steel castings .....	522,000
Total ingots and castings .....	7,241,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	December		Twelve months Ended December	
	1959	1960	1959	1960
	(Tons of 2,000 pounds)			
Pig iron .....	320,337	232,629	3,512,385	3,501,085
Scrap - Own make .....	149,323	104,315	1,602,064	1,626,540
Purchased .....	139,699	63,131	1,401,783	1,289,823
Total pig iron and scrap .....	609,359	400,075	6,516,232	6,417,448

Table 7 - Production and Shipments of Steel Ingots and Castings, December

Table 7 - Production and Shipments of Steel Ingots and Castings, December				
	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel Ingots</u>				
Open hearth - Basic .....	482,940	18,513	305,665	10,674
Electric .....	57,808	7,517	40,577	5,776
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	540,748	26,030	346,242	16,450
Alloy steel ingots included in above...	23,643	1,076	15,699	315
<u>Steel castings</u>				
Open hearth - basic .....	1,098	1,302	235	235
Electric .....	8,364	7,339	7,244	7,342
Other .....	-	-	-	-
Total steel castings .....	9,462	8,641	7,479	7,577
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	175	204	175	190
(b) High alloy, manganese and abrasion resistant .....	1,295	1,229	1,093	1,214
(c) All other alloys .....	489	401	264	285
Total alloy castings .....	1,959	1,834	1,532	1,689

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.



Table 8 - Production and Shipments of Steel Ingots and Castings, Twelve Months Ended December

	1 9 5 9		1 9 6 0	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	5,267,282	172,262	5,067,674	128,291
Electric .....	549,730	51,242	625,096	84,453
Oxygen .....	(1)	(1)	(1)	(1)
Total steel ingots .....	5,817,012	223,504	5,692,770	212,744
Alloy steel ingots included in above .....	256,689	3,279	233,853	7,015
<u>Steel castings</u>				
Open hearth - basic .....	14,833	14,723	2,694	3,162
Electric .....	89,875	84,387	94,103	94,635
Other .....	8	8	3	3
Total steel castings .....	104,716	99,118	96,800	97,800
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	1,949	1,889	2,487	2,452
(b) High alloy, manganese and abrasion resistant .....	14,980	14,253	17,949	17,723
(c) All other alloys .....	4,314	3,663	3,444	3,292
Total alloy castings .....	21,243	19,805	23,880	23,467

\* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments\* of Steel Castings

	December, 1960		Twelve months ended December, 1960	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Commonwealth ...	-	2	82	2
(b) All other .....	12	194	99	2,634
Automotive industries .....	67	9	1,410	102
Agricultural, including implement and equipment manufacturers .....	87	9	936	18
Machinery and tools .....	1,345	319	15,010	3,788
Mining, Lumbering and quarrying industries	654	674	7,685	9,660
Oil and gas, including refineries .....	62	27	1,003	595
National defence .....	9	28	113	223
Public works and public utilities .....	28	31	320	456
Railway operating .....	3,375	126	36,914	2,121
Railway cars and locomotives .....	94	21	7,538	284
Shipbuilding .....	28	2	447	151
Miscellaneous and unclassified .....	127	247	2,776	3,433
Total shipments .....	5,888	1,689	74,333	23,467

\* Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



Table 10 - Monthly Production of Pig Iron, Ferro-Alloys and Steel

Month	Pig Iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total Steel
(Tons of 2,000 pounds)					
1 9 5 9					
January .....	299,284	9,200	456,464	4,649	461,113
February .....	282,642	7,924	431,921	5,011	436,932
March .....	350,600	9,254	470,518	5,636	476,154
April .....	366,838	11,379	480,805	7,080	487,885
May .....	371,444	10,461	480,084	9,303	489,387
June .....	351,584	10,512	456,455	11,152	467,607
July .....	352,835	11,390	472,974	9,282	482,256
August .....	359,179	10,854	477,790	9,481	487,271
September .....	362,421	11,627	491,638	11,508	503,146
October .....	360,812	11,469	525,116	11,793	536,909
November .....	353,102	13,578	532,499	10,359	542,858
December .....	371,053	12,057	540,748	9,462	550,210
Total twelve months	4,181,794	129,705	5,817,012	104,716	5,921,728
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Total twelve months	4,278,425	137,256	5,692,770	96,800	5,789,570

Table 11 - Production and Shipments of Steel Pipes, Tubes and Fittings, December, 1960\*

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	10,895	8,022
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	57,131	57,401
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,015	5,215
Total .....	73,041	70,638
Steel pipe fittings:		
(a) Buttwelding fittings .....	23	33
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	374	337
Total .....	397	370

\* Comparable data for previous year not available.

(1) Included with other.

Table 12 - Production and Shipments of Steel Pipes, Tubes and Fittings, Twelve Months Ended December, 1960

	Made	Shipped
	(Tons of 2,000 pounds)	
Pipe welded and seamless:		
(a) 4 1/2" outside diameter and under (excluding casing) .....	182,768	176,529
(b) Over 4 1/2" outside diameter (including all sizes of casing) .....	269,350	252,311
Mechanical and pressure tubing welded and seamless (including boiler and oil well tubing but excluding casing) .....	69,085	67,192
Total .....	521,203	496,032
Steel pipe fittings:		
(a) Buttwelding fittings .....	1,019	1,114
(b) Nipples .....	(1)	(1)
(c) Other, including flanges and flanged fittings .....	5,469	5,832
Total .....	6,488	6,946

\* Comparable data for previous year not available.

(1) Included with other.

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,  
December, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	11,530	37,106	1,501	35,605
(b) For forging and piercing ....	10,122	9,262	-	9,262
Rails .....	19,194	41,590	-	41,590
Wire rods .....	16,892	10,448	176	10,272
Structural shapes:				
(a) Heavy, including piling .....	15,676	13,097	-	13,097
(b) Light .....	2,820	4,182	-	4,182
Concrete reinforcing bars .....	17,539	18,496	-	18,496
Other hot rolled bars .....	22,367	23,026	1,311	21,715
Tie plates and track material:				
(a) Angle bars .....	13	884	-	884
(b) Tie plates .....	1,869	4,299	-	4,299
(c) Track spikes .....	340	79	-	79
Plates (including plates for pipes and tubes) .....	47,859	44,830	-	44,830
Hot rolled sheets and strip .....	129,760	120,969	94,910	26,059
Total all hot rolled products ...	295,981	328,268	97,898	230,370
<u>Cold rolled and coated</u>				
Cold finished bars .....	2,471	2,648	-	2,648
Cold reduced strip .....	4,024	3,803	-	3,803
Cold reduced sheets, tin mill black plate and tin plate .....	83,161	70,875	26,944	43,931
Galvanized sheets .....	17,544	15,160	-	15,160
Total all cold rolled and coated.	107,200	92,486	26,944	65,542
Grand total all carbon products .....	403,181	420,754	124,842	295,912
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	-	-	-	-
(b) For forging and piercing .....	689	689	-	689
Alloy plates .....	16	16	-	16
Other hot rolled bars, including high-speed steel and alloy tool steel .....	5,653	5,754	11	5,743
Structurals .....	-	-	-	-
Cold finished bars .....	471	539	-	539
Wire rods .....	231	285	54	231
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	3,377	2,277	-	2,277
Total all alloy products .....	10,437	9,560	65	9,495



Table 14 - Production and Disposition of Shipments of Rolled Steel Products,  
Twelve Months Ended December, 1960

	Production	Total of all shipments (Tons of 2,000 pounds)	Shipments for further processing	Net Shipments
<u>Carbon steel</u>				
<u>Hot-rolled</u>				
Semi-finished shapes:				
(a) For re-rolling .....	457,382	447,745	180,374	267,371
(b) For forging and piercing ....	205,022	166,467	-	166,467
Rails .....	226,755	226,421	-	226,421
Wire rods .....	346,924	346,835	2,497	344,338
Structural shapes:				
(a) Heavy, including piling .....	172,383	166,567	-	166,567
(b) Light .....	66,424	64,957	-	64,957
Concrete reinforcing bars .....	361,803	348,564	-	348,564
Other hot rolled bars .....	317,731	324,416	24,284	300,132
Tie plates and track material:				
(a) Angle bars .....	11,256	12,652	-	12,652
(b) Tie plates .....	36,028	35,857	-	35,857
(c) Track spikes .....	7,541	6,770	-	6,770
Plates (including plates for pipes and tubes) .....	523,097	528,409	535	527,874
Hot rolled sheets and strip .....	2,081,051	2,057,851	1,452,901	604,950
Total all hot rolled products ...	4,813,397	4,733,511	1,660,591	3,072,920
<u>Cold rolled and coated</u>				
Cold finished bars .....	32,059	31,491	-	31,491
Cold reduced strip .....	49,297	51,141	-	51,141
Cold reduced sheets, tin mill black plate and tin plate .....	1,410,246	1,381,238	601,772	779,466
Galvanized sheets .....	290,813	281,243	247	280,996
Total all cold rolled and coated.	1,782,415	1,745,113	602,019	1,143,094
Grand total all carbon products .....	6,595,812	6,478,624	2,262,610	4,216,014
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling .....	196	196	196	-
(b) For forging and piercing .....	9,384	9,628	6	9,622
Alloy plates .....	348	348	-	348
Other hot rolled bars, including high-speed steel and alloy tool steel .....	80,045	77,534	511	77,023
Structurals .....	-	-	-	-
Cold finished bars .....	5,892	5,605	-	5,605
Wire rods .....	1,533	1,625	57	1,568
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	28,722	27,664	-	27,664
Total all alloy products .....	126,120	122,600	770	121,830

Table 15 - Disposition of Shipments\* of Rolled Steel Products

Table 15 - Disposition of Shipments* of Rolled Steel Products					
SDI No.		December, 1960		Twelve Months Ended December, 1960	
		Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)					
4	Wholesalers and warehouses .....	33,524	611	492,707	9,440
5	Direct export:				
	(a) British Commonwealth .....	39,539	859	256,285	11,363
	(b) All other .....	35,559	865	389,763	8,060
6	Automotive industries .....	13,742	3,646	194,887	43,489
7	Agricultural, including implement and equipment manufacturers ...	11,084	272	92,339	2,794
8	Building construction .....	41,938	210	810,553	1,650
9	Container industry .....	13,238	8	331,226	247
10	Machinery and tools .....	9,294	1,181	169,778	16,765
11	Merchant trade products .....	16,176	657	390,816	7,489
12	Mining, lumbering, etc. ....	5,497	800	70,194	15,341
13	National defence .....	223	74	4,601	716
14	Pressing, forming and stamping ..	11,668	290	187,899	3,723
15	Public works and utilities .....	1,205	-	22,845	16
16	Railway operating .....	23,282	15	235,565	245
17	Railway cars and locomotives ....	588	1	47,084	271
18	Shipbuilding .....	1,854	6	35,434	183
19	Pipes and tubes .....	37,236	-	479,158	38
20	Miscellaneous and unclassified ..	265	-	4,880	-
	Net shipments .....	295,912	9,495	4,216,014	121,830

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.



Table 16 - Disposition of Shipments\* of Rolled Steel Products, by Product, December,

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy, including piling	Light	
(Tons of						
Wholesale, etc. ....	-	54	630	4,074	1,460	4,356
Export:						
British Commonwealth ....	35,627	-	652	-	-	1,050
All other .....	2,865	16,998	8	-	-	1,001
Automotive .....	2,124	-	24	97	72	-
Agricultural, etc. .	34	-	-	979	829	-
Building .....	18	371	486	5,810	1,240	10,095
Container .....	-	-	-	-	-	-
Machinery, etc. ....	716	-	151	382	67	316
Merchant trade .....	665	-	8,485	156	39	700
Mining, etc. ....	479	413	53	1,099	162	11
National defence ...	-	-	-	122	-	-
Pressing, etc. ....	49	-	14	22	263	-
Public works, etc. .	-	-	-	84	10	953
Railway operating ..	-	23,754	-	49	18	-
Railway cars, etc. .	-	-	-	35	-	-
Shipbuilding .....	-	-	-	188	22	-
Pipes and tubes ....	2,979	-	-	-	-	-
Miscellaneous .....	-	-	-	-	-	14
Net shipments ....	45,556	41,590	10,503	13,097	4,182	18,496

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

1960

Other hot rolled bars	Tie plates and track Material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold Reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
3,558	1	3,736	5,842	513	222	6,336	3,353	34,135
691	-	-	925	56	-	349	1,048	40,398
477	6,239	121	1,047	3	-	5,378	2,287	36,424
4,520	-	164	4,501	840	767	4,140	139	17,388
3,273	-	536	3,020	911	29	1,333	412	11,356
2,748	1	8,734	2,755	24	356	2,761	6,749	42,148
5	-	-	23	-	-	13,080	138	13,246
2,667	-	1,887	1,770	373	779	1,345	22	10,475
5,185	-	-	841	257	40	427	38	16,833
2,931	34	561	135	55	-	323	41	6,297
47	-	74	19	9	26	-	-	297
593	-	521	3,122	143	575	5,814	842	11,958
53	-	22	46	-	37	-	-	1,205
253 - 1,013	-	232	1	1	-	-	2	23,297
300	-	152	58	2	-	42	-	589
105	-	1,490	55	-	-	-	-	1,860
-	-	26,616	4,176	-	846	2,564	55	37,236
52	-	-	-	-	126	39	34	265
27,458	5,262	44,846	28,336	3,187	3,803	43,931	15,160	305,407

\*\* Abbreviations correspond to headings in Table 15.

Table 17 - Disposition of Shipments\* of Rolled Steel Products, by Product, Twelve

Programme**	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete reinforcing bars
				Heavy including piling	Light	
(Tons of						
Wholesale, etc. ..	1	1,193	11,134	39,754	18,432	69,942
Export:						
British Commonwealth ..	192,280	-	13,324	-	-	6,997
All other .....	101,014	37,175	19,351	781	79	5,097
Automotive .....	18,448	7	97	878	821	12
Agricultural, etc.	160	-	552	6,116	6,824	2
Building .....	2,157	2,141	12,177	92,229	25,665	223,494
Container .....	-	-	21	-	-	765
Machinery, etc. ..	6,743	1,261	1,979	5,097	2,446	4,870
Merchant trade ...	4,452	-	285,626	1,253	929	17,778
Mining, etc. ....	2,563	7,541	1,001	5,252	824	760
National defence .	86	-	-	318	-	258
Pressing, etc. ...	176	78	320	803	7,807	172
Public works, etc.	-	187	250	860	43	17,497
Railway operating.	53	176,413	71	1,089	229	425
Railway cars, etc.	9,680	331	2	9,139	590	19
Shipbuilding .....	8	24	1	2,894	256	6
Pipes and tubes ..	104,631	70	-	5	-	-
Miscellaneous ....	1,008	-	-	99	12	470
Net shipments ..	443,460	226,421	345,906	166,567	64,957	348,564

\* Compiled by principal consuming industries, according to the revised Steel Distribution Index, copies of which are available on request.

Primary Iron and Steel

- 15 -

Months Ended December, 1960

Other hot rolled bars	Tie plates and track Material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
2,000 pounds)								
52,914	127	67,555	80,507	8,876	3,472	90,029	58,211	502,147
4,080	-	3,883	30,725	131	90	8,044	8,094	267,648
6,937	11,094	25,797	65,520	211	73	106,188	18,506	397,823
58,389	-	2,749	94,405	9,670	8,919	40,736	3,245	238,376
35,094	-	5,467	22,591	5,319	953	9,333	2,722	95,133
35,484	112	150,758	56,439	293	4,124	48,857	158,273	812,203
56	10	156	3,901	9	45	324,727	1,783	331,473
42,298	65	46,963	33,230	5,069	14,004	20,039	2,479	186,543
66,824	52	596	9,259	3,385	683	6,563	905	398,305
47,457	752	8,238	5,369	599	86	4,775	318	85,535
829	-	2,909	143	248	482	-	44	5,317
10,380	-	7,863	49,075	3,041	6,309	84,647	20,951	191,622
714	95	1,261	71	-	1,158	725	-	22,861
6,221	42,832	5,071	1,921	77	-	456	952	235,810
7,144	109	13,466	5,048	12	-	765	1,050	47,355
1,727	31	28,596	1,455	78	-	51	490	35,617
-	-	156,765	172,870	6	9,591	32,560	2,698	479,196
607	-	129	85	72	1,152	971	275	4,880
377,155	55,279	528,222	632,614	37,096	51,141	779,466	280,996	4,337,844

\*\* Abbreviations correspond to headings in Table 15.



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon	Alloy Stainless	Carbon	Alloy Stainless
(Tons of 2,000 pounds)					
<u>Pig iron:</u>					
Silvery .....	United States	-	-	2,802	-
Other .....	United States	-	-	359	-
	United Kingdom	-	-	90	-
	Australia	-	-	796	-
	Spain	-	-	4,480	-
	U.S.S.R.	-	-	56	-
<u>Ingot and semi-finished:</u>					
Ingot .....	United States	41	6	492	200
	United Kingdom	-	-	7	-
			4.8		74.1
Billets, blooms, slabs and sheet bars	United States	5	31	508	486
	United Kingdom	-	-	7	-
			2.2		611.2
			2.6		47.3
<u>Bars and sections:</u>					
Hot rolled bars, n.o.p. ....	United States	953	210	12,641	2,677
	United Kingdom	14	11	2,084	627
	Austria	-	-	8	12
	Belgium	1,142	-	13,977	-
	France	188	-	2,009	-
	Germany	32	-	1,003	52
	Japan	138	-	1,727	-
	Sweden	-	3	309	18
			-		2.4
Hot rolled bars for agricultural implements .....	United States	342	-	4,220	288
	United Kingdom	-	-	11	-
			-		-
Rounds over 4 7/8", squares over 4" .	United States	98	1	1,121	67
	United Kingdom	1	-	392	37
	Belgium	-	-	-	-
			-		9.4
			1.8		12.2



Concrete reinforcing bars .....	United States	-	-	-	152	-	-
	United Kingdom	-	-	-	50	-	-
	Belgium	436	-	-	15,857	-	-
	France	560	-	-	4,144	-	-
	Germany	623	-	-	3,641	-	-
	Japan	398	-	-	6,682	-	-
	Norway	-	-	-	34	-	-
Sash or casement sections .....	United States	89	-	-	2,050	-	-
	United Kingdom	34	-	-	342	-	-
	Belgium	-	-	-	211	-	-
Cold rolled bars, n.o.p. ....	United States	36	16	19.3	1,414	521	162.3
	United Kingdom	230	6	6.2	4,349	33	74.0
	Austria	-	-	.4	-	2	.8
	Belgium	20	-	-	708	-	-
	France	-	-	-	2	-	-
	Germany	-	-	-	23	45	-
	Japan	10	-	-	43	-	-
	Sweden	2	-	-	18	-	-
Cold rolled bars for agricultural implements .....	United States	50	-	-	339	5	-

Tool steel:

All forms and sizes .....	United States	282	69	-	2,738	1,236	-
	United Kingdom	18	19	-	154	417	-
	Austria	3	8	-	15	112	-
	France	-	-	-	-	142	-
	Germany	-	1	-	-	41	-
	Sweden	1	5	-	31	200	-

Structural shapes:

Wide flange beams .....	United States	11,264	-	-	205,650	-	-
	United Kingdom	1,420	-	-	70,841	-	-
	Belgium	2,034	-	-	18,952	-	-
	France	-	-	-	89	-	-
	Germany	43	-	-	5,882	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon	Alloy Stainless	Carbon	Alloy Stainless
(Tons of 2,000 pounds)					
<u>Structural shapes (Concluded):</u>					
Sheet piling .....	United States	317	-	7,541	-
	United Kingdom	870	-	8,906	-
	Belgium	-	-	11,171	-
	France	-	-	49	-
	Germany	1,985	-	3,674	-
	Japan	-	-	45	-
Structurals, n.o.p. 3" to 6" .....	United States	349	.3	8,703	15.2
	United Kingdom	55	-	1,846	3.7
	Belgium	758	-	15,896	-
	France	314	-	4,409	-
	Germany	-	-	322	-
	Japan	16	-	201	-
	Norway	-	-	14	-
Structurals, n.o.p. over 6" .....	United States	1,980	-	27,878	-
	United Kingdom	76	-	5,400	-
	Belgium	181	-	9,395	-
	France	333	-	3,532	-
Bar size structurals, n.o.p. ....	United States	202	5.9	4,441	27 128.3
	United Kingdom	6	-	452	5.0
	Belgium	1,800	-	17,758	-
	France	567	-	2,742	-
	Germany	5	-	1,256	-
	Italy	-	-	121	-
	Japan	17	-	535	-
	Netherlands	-	-	5	-
	Norway	-	-	18	-
	Sweden	-	6.8	-	36.8

Bar size structurals for agricultural implements .....

United States	6	-	-	1,627	18	-
Germany	-	-	-	40	-	-

Plates:

60" and under in width .....

United States	536	115	32.0	6,568	433	391.4
United Kingdom	32	-	8.1	3,658	11	225.8
Austria	-	-	-	11	-	-
Belgium	313	-	-	3,021	-	-
France	-	-	-	139	-	-
Germany	149	-	-	2,264	-	-
Japan	163	-	-	7,958	-	-
Netherlands	-	-	-	48	-	-
Sweden	-	-	6.0	21	-	52.6

Over 60" up to and including 100" in width .....

United States	531	-	28.0	14,594	335	819.2
United Kingdom	92	6	-	9,789	6	5.1
Austria	-	-	-	67	-	-
Belgium	74	-	-	2,264	-	-
France	-	-	-	615	-	-
Germany	187	-	-	7,726	-	-
Japan	142	-	-	18,352	-	-
Netherlands	-	-	-	21	-	-
Sweden	-	-	-	-	-	19.5

Over 100" in width .....

United States	149	-	-	4,660	115	47.6
United Kingdom	-	-	-	1,618	-	13.5
Germany	-	-	-	963	-	-

Flanged or dished .....

United States	195	-	11.9	2,836	65	97.0
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Floor plate .....

United States	307	-	-	10,367	-	7.3
United Kingdom	92	-	-	2,451	-	-
Belgium	-	-	-	69	-	-
France	-	-	-	58	-	-
Germany	-	-	-	156	-	-
Japan	22	-	-	265	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon	Alloy	Carbon	Alloy
Stainless					
(Tons of 2,000 pounds)					
<u>Sheets and strip (except stainless):</u>					
Hot rolled -					
Under 12" in width .....	United States	470	1	5,762	67
	United Kingdom	-	-	495	2
	Belgium	102	-	2,502	-
	France	-	-	370	-
	Germany	-	-	75	-
	Japan	37	-	135	-
12" up to but not including 24" in width .....	United States	112	-	1,012	79
	United Kingdom	-	-	4	-
	Germany	-	-	11	-
24" to 51" in width .....	United States	328	25	6,433	335
	United Kingdom	-	-	565	-
	Belgium	5	-	282	-
	France	-	-	42	-
	Germany	25	-	56	-
	Japan	25	-	1,689	-
	Sweden	-	-	6	-
Over 51" in width .....	United States	316	-	14,073	5
	United Kingdom	-	-	105	-
	Belgium	-	-	41	-
	Germany	-	-	83	-
	Japan	13	-	107	-
<u>Cold rolled -</u>					
Under 24" in width .....	United States	939	11	4,680	99
	United Kingdom	20	-	483	-
	Belgium	-	-	145	-
	Germany	-	-	103	-
	Sweden	1	-	381	2

24" to 51" in width .....	United States	190	-	-	6,047	7	-
	United Kingdom	67	-	-	1,993	-	-
	Australia	-	-	-	128	-	-
	Japan	-	-	-	72	-	-
	Sweden	-	-	-	5	-	-
Over 51" in width .....	United States	555	-	-	12,156	-	-
	United Kingdom	-	-	-	47	-	-
Enamelling grade .....	United States	596	-	-	11,723	-	-
	United Kingdom	-	-	-	821	-	-
Aluminized .....	United States	45	-	-	1,357	-	-
	United Kingdom	-	-	-	5	-	-
Coated (other than metal or asbestos bonded) .....	United States	807	-	-	10,061	-	-
	United Kingdom	67	-	-	734	-	-
	Germany	-	-	-	163	-	-
	Netherlands	-	-	-	2	-	-
Asbestos bonded (includes galvanized and corrugated) .....	United States	4	-	-	1,966	-	-
	United Kingdom	50	-	-	401	-	-
Metal coated, n.o.p. ....	United States	41	-	-	1,132	-	-
	United Kingdom	-	-	-	3	-	-
	Germany	4	-	-	136	-	-
Electro galvanized .....	United States	35	-	-	1,495	-	-
	United Kingdom	-	-	-	94	-	-
Galvanized, n.o.p. ....	United States	160	-	-	3,294	14	-
	United Kingdom	15	-	-	352	-	-
	Germany	-	-	-	19	-	-
	Japan	-	-	-	35	-	-



Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon	Alloy Stainless	Carbon	Alloy Stainless
		(Tons of 2,000 pounds)			
<u>Sheets and strip (except stainless): - (Concluded)</u>					
Electrical (silicon content 2.90 or more) .....	United States	-	829	-	14,474
	United Kingdom	-	-	-	195
	Sweden	-	-	-	1
Electrical, n.o.p. ....	United States	-	28	-	938
	United Kingdom	-	18	-	173
Saw steel .....	United States	9	40	180	1,450
	United Kingdom	-	-	-	60
	France	-	8	-	12
	Germany	-	-	-	3
	Sweden	-	57	-	343
Hot rolled wasters .....	United States	61	-	636	-
	United Kingdom	-	-	28	-
Cold rolled wasters .....	United States	175	-	2,748	-
	United Kingdom	-	-	2,448	-
Black plate .....	United States	33	-	240	-
Tin plate primes .....	United States	3	-	961	-
	United Kingdom	5	-	115	-
	Australia	-	-	41	-
Tin plate electrolytic .....	United States	4	-	360	-
	United Kingdom	-	-	4,602	-
Tin plate wasters and seconds .....	United States	-	-	126	-
Terne plate long .....	United States	421	-	7,565	-
	United Kingdom	-	-	120	-

Terne plate short .....	Australia	-	-	22	-	-
	United States	31	-	501	-	-
	United States	31	-	654	-	-
	United Kingdom	-	-	167	-	-
	Belgium	-	-	7	-	-
Strip for hoop .....	Japan	-	-	12	-	-
<u>Stainless sheets and strip:</u>						
Hot rolled -						
Under 24" in width 18 gauge and heavier .....	United States	-	.3	-	-	22.2
	United Kingdom	-	-	-	-	2.8
Under 24" in width lighter than 18 gauge .....	United States	-	-	-	-	5.3
	United Kingdom	-	-	-	-	.3
24" up to and including 51" in width 18 gauge and heavier ....	United States	-	10.4	-	-	156.3
	United Kingdom	-	38.6	-	-	602.0
	Austria	-	1.7	-	-	7.3
	Japan	-	-	-	-	.1
	Sweden	-	-	-	-	186.3
24" up to and including 51" in width lighter than 18 gauge ...	United States	-	-	-	-	30.6
	United Kingdom	-	4.0	-	-	117.7
	Japan	-	-	-	-	1.5
	Sweden	-	-	-	-	1.5
Over 51" in width 18 gauge and heavier .....	United States	-	2.7	-	-	88.4
	United Kingdom	-	-	-	-	3.2
	Sweden	-	4.1	-	-	32.8
Over 51" in width lighter than 18 gauge .....	United States	-	-	-	-	2.0
Cold rolled -						
Under 24" in width 18 gauge and heavier .....	United States	-	6.3	-	-	328.8
	United Kingdom	-	-	-	-	16.6

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Stainless sheets and strip: - (Concluded)					
Cold rolled -					
Under 24" in width lighter than 18 gauge .....	United States	-	100.5	-	1,180.4
	France	-	-	-	2.0
	Sweden	-	.4	-	2.6
Cold rolled, n.o.p. ....					
	United States	-	130.9	-	2,066.4
	United Kingdom	-	39.0	-	673.1
	France	-	-	-	237.9
	Japan	-	.5	-	312.2
	Sweden	-	2.0	-	13.1
Plate, sheet and strip for pipes and tubes:					
Hot rolled -					
15-3/8" and under in width .....	United States	-	-	13,011	-
	United Kingdom	979	-	5,959	-
	Netherlands	-	-	167	-
Over 15-3/8" in width .....	United States	-	-	1,231	-
Hot rolled plate for pipe .....					
	United States	13,908	-	21,635	-
	United Kingdom	-	-	228	-
	France	-	-	153	-
	Germany	-	-	654	-
	Italy	-	-	166	-
	Japan	-	-	1,417	-
Cold rolled .....	United States	-	-	72	-
Pipes and tubes:					
Spiral Welded .....	United States	76	-	1,437	-
	Germany	-	-	79	-
Cast .....	United States	19	-	1,553	-
	United Kingdom	1,194	-	18,523	-

For pressure parts of boilers -									
Seamless hot finished .....									
	United States	43	124	-	1,220	413	38.5		
	United Kingdom	-	10	-	451	110	-		
	Germany	-	-	-	133	-	-		
	Sweden	-	-	-	1	-	-		
Seamless cold drawn .....									
	United States	16	-	5.3	245	52	12.2		
	United Kingdom	9	-	-	368	70	-		
	France	-	-	-	30	-	-		
	Germany	-	-	-	14	-	-		
Welded .....									
	United States	20	-	-	192	-	2.7		
	United Kingdom	144	-	-	2,652	-	-		
	France	-	-	-	21	-	-		
	Germany	-	-	-	169	-	-		
	Switzerland	274	-	-	1,389	-	-		
Seamless cold drawn, n.o.p. ....									
	United States	37	13	26.3	1,948	75	265.0		
	United Kingdom	18	-	4.0	527	26	131.4		
	Belgium	-	-	-	138	-	-		
	France	-	-	1.0	-	-	36.0		
	Germany	-	-	-	103	-	-		
	Italy	5	-	-	5	-	-		
	Sweden	18	-	4.1	161	1	16.8		
Mechanical tubing .....									
	United States	653	177	.8	9,355	3,318	54.7		
	United Kingdom	89	-	-	805	80	1.3		
	France	-	-	-	137	-	-		
	Germany	2	14	-	258	213	-		
	Japan	1	-	-	13	-	-		
	Netherlands	-	-	-	68	-	-		
	Sweden	-	64	-	136	1,173	-		
Seamless hot finished, n.o.p. -									
Up to and including 6-5/8" O.D.									
	United States	71	13	1.9	902	145	16.8		
	United Kingdom	8	-	-	558	618	-		
	Germany	-	-	-	131	-	-		
	Italy	-	-	-	-	4	-		
	Japan	-	-	-	104	-	-		
	Sweden	4	-	-	7	-	-		

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
<u>Pipes and tubes: (Concluded)</u>					
Seamless hot finished, n.o.p. - Over 6-5/8" O.D. up to and including 10-1/2" O.D. ....	United States	10	-	176	26
	United Kingdom	-	-	157	9
	Germany	-	-	3	-
	Italy	-	-	1	-
	Japan	-	-	136	-
Over 10-1/2" O.D. up to and including 16" O.D. ....	United States	143	-	2,046	30
	United Kingdom	-	-	3,273	81
	Italy	-	-	2	-
Over 16" O.D. ....	United States	168	-	1,926	2
	United Kingdom	-	-	3,422	-
	Italy	-	-	115	-
Drill pipe .....	United States	269	-	2,245	-
Welded n.o.p. - Up to and including 4-1/2" O.D. .	United States	364	-	2,722	-
	United Kingdom	166	-	4,713	-
	Belgium	59	-	336	-
	France	268	-	2,702	-
	Germany	717	-	4,844	-
	Japan	48	-	815	-
	Netherlands	78	-	453	-
	Norway	-	-	95	-
	Sweden	-	-	16	-
	Switzerland	-	-	1	-
Over 4-1/2" O.D. up to and including 16" O.D. ....	United States	38	-	1,456	2
	Germany	-	-	131	-
	Japan	-	-	62	-
	Sweden	-	-	5	-



Over 16" O.D. ....	United States 3,191	-	-	4,447	1	2.8
	United Kingdom	-	-	13,350	-	-
	Germany	-	-	-	-	21.3
Oil country tubing up to and including 3-1/2" O.D. ....	United States 102	-	-	2,664	-	.1
	United Kingdom 115	-	-	2,637	-	-
	France	-	-	214	-	-
	Italy	-	-	414	-	-
	Japan 83	-	-	3,193	-	-
Casing -	United States	-	-	1,307	-	-
J-55 and H-40 .....	United Kingdom 202	-	-	4,374	-	-
	France	-	-	819	-	-
	Germany	-	-	521	-	-
	Italy	-	-	629	-	-
	Japan 612	-	-	14,146	-	-
All other casing .....	United States 25	-	-	3,792	-	-
	United Kingdom	-	-	2,435	-	-
	France	-	-	664	-	-
	Germany	-	-	336	-	-
	Japan	-	-	1,212	-	-
Conduit .....	United States 25	-	-	1,047	-	-
<hr/>						
Wire products:						
Wire -						
For wire rope .....	United States 1	-	.6	429	-	3.4
	United Kingdom 1,252	-	-	14,766	-	-
	Germany 161	-	-	3,664	-	-
	Japan 148	-	-	1,167	-	-
For springs, cushions, etc. ....	United States 7	-	-	125	-	-
	United Kingdom 5	-	-	21	-	-
	Japan 44	-	-	244	-	-
For corset clasps, dress stays, etc. ....	United States 8	-	-	68	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
Wire products: (Concluded)					
Wire - (Concluded)					
For corset clasps, dress stays, etc. ....	United Kingdom	1	-	33	-
	Germany	-	-	12	-
Coated - (tin, copper, plastic, paper, paint, etc.) ..	United States	27	.4	275	1 10.1
	United Kingdom	4	-	142	.3
	Austria	-	-	19	-
	Belgium	1	-	7	-
	Germany	1	-	81	-
	Japan	-	-	8	-
Galvanized fence wire .....	United States	-	-	20	-
	United Kingdom	52	-	1,613	-
	Belgium	30	-	118	-
	France	30	-	244	-
	Germany	-	-	1,613	-
Galvanized, n.o.p. ....	United States	42	-	285	-
	United Kingdom	134	-	1,493	-
	Austria	-	-	145	-
	Belgium	-	-	285	-
	France	15	-	60	-
	Germany	12	-	228	-
	Japan	-	-	670	-
	Netherlands	-	-	5	-
Wire, n.o.p. ....	United States	39	1 6.0	1,601	69 85.3
	United Kingdom	44	.1	1,970	6 25.6
	Austria	42	-	562	-
	Belgium	57	-	828	-
	Denmark	-	-	2	-
	France	140	-	770	-

Wire rope .....	Germany	6	-	-	186	-	-
	Japan	114	-	-	870	-	.5
	Netherlands	-	-	-	85	-	-
	Sweden	1	-	-	181	2	-
	United States	42	-	.2	249	-	216.5
	United Kingdom	256	-	.2	2,943	-	.4
	Austria	-	-	-	66	-	-
	Belgium	23	-	-	148	-	.3
	Denmark	2	-	-	28	-	-
	France	22	-	-	533	-	-
	Germany	16	-	-	900	-	.3
	Japan	35	-	-	1,133	-	-
	Netherlands	112	-	-	1,036	-	-
	Norway	-	-	-	45	-	-
	Sweden	-	-	-	20	-	-
Welding rods (cut length) .....	United States	72	97	9.2	1,986	1,043	290.7
	United Kingdom	61	-	-	693	17	-
	Australia	-	-	-	2	-	-
	Germany	-	-	-	1	-	-
	Sweden	11	-	-	149	-	1.1
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	62	14	.8	689	111	33.5
	United Kingdom	-	-	-	15	1	-
	Belgium	-	-	-	15	-	-
	Japan	50	-	-	378	-	-
Wire rods (all sizes) .....	United States	49	-	3.4	381	-	26.3
	United Kingdom	-	-	-	1,774	-	-
	Belgium	-	-	-	1,577	-	-
	Chile	-	-	-	268	-	-
	France	2,322	-	-	4,837	-	-
	Germany	1,045	-	2.9	4,959	-	5.8
	Japan	-	-	-	1,829	-	-
	Netherlands	-	-	-	566	-	-

Primary Iron and Steel

Table 18 - Imports of Selected Forms of Iron and Steel

Commodity	Country of Origin	December, 1960		Twelve Months Ended December, 1960	
		Carbon Alloy	Stainless	Carbon Alloy	Stainless
(Tons of 2,000 pounds)					
<u>Rails and railway material:</u>					
Rails -					
60 lb. and under per lineal yard.	United States	3	-	124	-
	Belgium	-	-	39	-
	Germany	-	-	826	-
	Netherlands	-	-	24	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	148	-	561	-
	United Kingdom	-	-	151	-
	Germany	-	-	55	-
Over 100 lb. per lineal yard ....	United States	-	-	1,756	-
Track material -					
Fish plates, angle bars, etc. ...	United States,	126	-	4,663	-
	United Kingdom	-	-	1,383	-
	Belgium	-	-	2	-
	Germany	-	-	367	-
	Netherlands	-	-	1	-
Switch points, guard rails .....	United States	4	-	188	-
	United Kingdom	-	-	9	-

Other Railway material -						
Axles .....	United States	-	-	-	65	-
Steel tires .....	United States	14	-	-	229	-
	United Kingdom	-	-	-	15	-
Steel wheels .....	United States	1	-	-	363	-
	United Kingdom	177	-	-	6,293	-
TOTAL IMPORTS .....		70,472	2,051	614.3	1,005,299	34,226 10,885.9

- 31 -

NOTE: High strength - low alloy steel.

High strength - low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength - low alloy steels are generally produced to mechanical property requirements rather than to chemical compositions limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" grades rather than "alloy" in Table 18 - for special breakdown see Table 19.



Table 19 - Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	December 1960	Twelve Months Ended December, 1960
(Tons of 2,000 pounds)			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	-	202.8
Rounds over 4-7/8"			
Squares over 4" .....	United States	-	13.2
Cold rolled bars, n.o.p. ....	United States	-	17.4
<u>Structural Shapes:</u>			
Wide flange beams .....	United States	172.4	2,450.7
n.o.p. 3" to 6" .....	United States	1.1	97.8
	United Kingdom	-	50.7
n.o.p. over 6" .....	United States	17.4	473.0
Bar size, n.o.p. ....	United States	-	26.5
<u>Plates:</u>			
60" and under in width .....	United States	19.7	1,416.3
	United Kingdom	-	15.7
Over 60" up to and including 100" in width .....	United States	151.2	2,802.5
	United Kingdom	-	79.7
Over 100" in width .....	United States	-	78.8
Flanged or dished .....	United States	-	218.3
<u>Sheets and strip (except stainless):</u>			
Hot rolled -			
Under 12" in width .....	United States	-	16.1
Over 12" to under 24" in width .....	United States	-	18.5
24" to 51" in width .....	United States	14.0	1,331.5
	United Kingdom	-	5.0
Over 51" in width .....	United States	52.1	1,332.9
	United Kingdom	-	83.4
Cold rolled -			
24" to 51" in width .....	United States	-	139.5
Over 51" in width .....	United States	-	78.0
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	126.6
Seamless hot finished - over 10-1/2" and including 16" O.D. .	United States	-	16.5
Welded n.o.p. 4-1/2" O.D. and under .....	United States	-	26.2
Total High-strength Low Alloy .....		427.9	11,117.6

Note: Totals shown in above table are included in the carbon steel totals for relevant products in Table 18.

Table 20 - Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of Origin	December, 1960			Twelve Months Ended December, 1960		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Tons of 2,000 pounds)					
United States .....	42,921	1,821	464.2	509,549	29,220	7,734.3
United Kingdom ...	8,074	70	118.9	223,775	2,588	2,154.2
Australia .....	-	-	-	989	-	-
Austria .....	45	8	2.1	893	126	9.5
Belgium (1) .....	7,035	-	-	115,779	-	.3
Chile .....	-	-	-	268	-	-
Denmark .....	2	-	-	30	-	-
France .....	4,759	8	1.0	29,384	154	275.9
Germany .....	5,013	15	2.9	47,864	354	30.3
Italy .....	5	-	-	1,453	44	-
Japan .....	2,116	-	.5	65,255	-	314.3
Netherlands .....	190	-	-	2,481	-	-
Norway .....	-	-	-	206	-	-
Spain .....	-	-	-	4,480	-	-
Sweden .....	38	129	24.7	1,447	1,740	367.1
Switzerland .....	274	-	-	1,390	-	-
U.S.S.R. ....	-	-	-	56	-	-
Total .....	70,472	2,051	614.3	1,005,299	34,226	10,885.9

(1) Includes Luxembourg.

Table 21 - Exports of Selected Forms of Iron and Steel

	December, 1960	Twelve Months Ended December, 1960
	(Tons of 2,000 pounds)	
Pig iron .....	45,562	480,590
Sponge iron and primary iron n.o.p. ...	192	2,615
Ingots, blooms and billets .....	17,671	340,145
Castings, iron and steel .....	634	7,987
Forgings .....	284	3,547
Hot rolled bars including fabricated ..	4,456	30,999
Cold rolled bars .....	156	2,512
Wire rods .....	1,686	36,506
Plates .....	136	37,076
Hot rolled sheets and strips .....	8,516	127,463
Sheets and strips n.o.p. ....	16,507	172,064
Rails .....	17,744	41,973
Structural shapes .....	1,321	9,962
Pipes and tubing - Wrought iron .....	1	827
- Cast iron .....	14	755
- Galvanized .....	-	132
- Other .....	2,391	35,505
Total .....	117,271	1,330,658

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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CANADA



# PRIMARY IRON AND STEEL

## JANUARY 1961

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# PRIMARY IRON AND STEEL

TABLE 1. Description of Iron Blast Furnaces(1) at end of January, 1961

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,595,900	73.2
Banked .....	-	-	-
Blown out .....	6	1,319,000	26.8
Totals .....	17(2)	4,914,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

TABLE 2. Iron Blast Furnaces Charges(1)		
	January, 1960	January, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	190,757	59,119
From foreign mines .....	146,837	173,217
Pyrite cinder .....	-	(2)
<u>Iron ore (sintered, pelletized, etc.)</u>		
From Canadian mines .....	87,503	99,303
From foreign mines .....	73,829	65,212
From own processing .....	125,675	129,002
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	13,982	18,625
Scrap iron and steel .....	13,918 <sup>r</sup>	6,482
Limestone .....	72,073	57,322
Dolomite .....	26,329	18,152
Coke .....	280,165	226,945

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with Mill cinder, etc.

<sup>r</sup> Revised.

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, January

	1 9 6 0		1 9 6 1	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	335,871	5,983	299,920	1,936
Foundry (including silvery pig) (2) .....	24,948	6,728	24,065	6,970
Malleable .....	13,704	23,669	7,043	13,388
Total pig iron .....	374,523	36,380	331,028	22,294
Ferro-alloys .....	11,707	12,402	8,631	8,148
Stocks of pig iron on hand at end of month .....	258,691		329,480	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingot - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 5. Pig iron and Scrap Charged to Steel Furnaces, January

	1 9 6 0	1 9 6 1
	net tons of 2,000 pounds	
Pig iron .....	325,015	293,361
Scrap - Own make .....	147,267	131,862
Purchased .....	158,162	80,099
Total pig iron and scrap .....	630,444	505,322

TABLE 6. Production and Shipments of Steel Ingots and Castings, January

	1 9 6 0		1 9 6 1	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
net tons of 2,000 pounds				
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	502,756	18,263	405,627	322
Electric .....	59,396	7,484	44,964	5,883
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	562,152	25,747	450,591	6,205
Alloy steel ingots included in above .....	29,874	2,000	19,601	242
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	729	770	173	173
Electric .....	7,176	6,533	6,624	7,405
Other .....	-	-	-	-
Total steel castings .....	7,905	7,303	6,797	7,578
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	193	205	198	181
High alloy, manganese and abrasion resistant .....	1,461	1,492	1,082	1,069
All other alloys .....	301	271	494	517
Totals alloy castings .....	1,955	1,968	1,774	1,767

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 7. Disposition of Shipments(1) of Steel Castings, January

	1 9 6 0		1 9 6 1	
	Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds				
Direct export - British Commonwealth .....	-	-	-	-
All other .....	7	124	2	48
Automotive industries .....	56	8	84	8
Agricultural, including implement and equipment manufacturers .....	93	1	130	-
Machinery and tools .....	1,275	382	1,218	213
Mining, lumbering and quarrying industries .....	651	762	244	1,071
Oil and gas, including refineries .....	65	13	78	40
National defence .....	6	6	7	16
Public works and public utilities .....	54	22	23	17
Railway operating .....	2,541	216	3,592	140
Railway cars and locomotives .....	262	9	327	-
Shipbuilding .....	55	18	30	13
Miscellaneous and unclassified .....	270	407	76	201
Total shipments .....	5,335	1,968	5,811	1,767

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index.  
As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



TABLE 8. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....					
March .....					
April .....					
May .....					
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					

TABLE 9. Production and Shipments of Steel Pipes, Tubes and Fittings, January, 1960

TABLE 9. Production and Shipments of Steel Pipes, Tubes and Fittings, January, 1960		
	Made	Shipped
	net tons of 2,000 pounds	
<u>Pipe welded and seamless:</u>		
4 1/2" outside diameter and under (excluding casing) .....	21,036	11,854
Over 4 1/2" outside diameter (including all sizes of casing) .....	13,904	14,152
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	7,525	7,025
Totals .....	42,465	33,031

Steel pipe fittings:

Buttwelding fittings .....	91	114
Nipples .....	(1)	(1)
Other, including flanges and flanged fittings .....	462	536
Totals .....	553	650

(1) Included with other.

TABLE 10. Production and Shipments of Steel Pipes, Tubes and Fittings, January, 1961

TABLE 10. Production and Shipments of Steel Pipes, Tubes and Fittings, January, 1961		
	Made	Shipped
	net tons of 2,000 pounds	
<u>Pipe welded and seamless:</u>		
4 1/2" outside diameter and under (excluding casing) .....	10,437	10,365
Over 4 1/2" outside diameter (including all sizes of casing) .....	53,329	53,492
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	4,698	4,872
Totals .....	68,464	68,729

Steel pipe fittings:

Buttwelding fittings .....	50	53
Nipples .....	(1)	(1)
Other, including flanges and flanged fittings .....	381	490
Totals .....	431	543

(1) Included with other.

TABLE 11. Production and Disposition of Shipments of Rolled Steel Products, January, 1961.

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	18,823	15,907	5,602	10,305
For forging and piercing .....	7,952	8,575	-	8,575
Rails .....	24,229	21,840	-	21,840
Wire rods .....	22,225	22,349	358	21,991
Structural shapes:				
Heavy, including piling .....	8,235	9,595	-	9,595
Light .....	5,324	5,336	-	5,336
Concrete reinforcing bars .....	28,680	23,488	-	23,488
Other hot rolled bars .....	31,239	27,619	2,128	25,491
Tie plates and track material:				
Angle bars .....	-	-	-	-
Tie plates .....	726	621	-	621
Track spikes .....	389	364	-	364
Plates (including plates for pipes and tubes) .....	57,917	52,179	-	52,179
Hot rolled sheets and strip .....	146,685	152,655	102,355	50,300
Total hot rolled products .....	352,424	340,528	110,443	230,085
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,892	2,905	-	2,905
Cold reduced strip .....	3,933	3,741	565	3,176
Cold reduced sheets, tin mill black plate and tin plate .....	111,129	115,105	49,942	65,163
Galvanized sheets .....	23,069	23,499	-	23,499
Total cold rolled and coated .....	141,023	145,250	50,507	94,743
Total carbon steel .....	493,447	485,778	160,950	324,828
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	46	46	46	-
For forging and piercing .....	607	607	-	607
Alloy plates .....	1	1	-	1
Other hot rolled bars, including high-speed steel and alloy tool steel .....	7,059	6,722	28	6,694
Structurals .....	-	-	-	-
Cold finished bars .....	527	487	-	487
Wire rods .....	333	333	-	333
Hot and cold rolled sheets, silicon sheets and strip and stainless steel .....	2,222	2,454	-	2,454
Total alloy steel .....	10,795	10,650	74	10,576

TABLE 12. Disposition of Shipments(1) of Rolled Steel Products, January

DI No.	1 9 6 0		1 9 6 1	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
4 Wholesalers and warehouses .....	57,357	2,094	33,978	578
5 Direct export:				
(a) British Commonwealth .....	208	381	13,979	804
(b) All other .....	23,616	315	16,033	1,145
6 Automotive industries .....	28,389	4,788	16,802	4,048
7 Agricultural, including implement and equipment manufacturers .....	10,802	262	10,682	195
8 Building construction .....	70,874	222	43,843	30
9 Container industry .....	31,487	5	28,273	6
10 Machinery and tools .....	18,495	1,588	16,388	1,338
11 Merchant trade products .....	40,974	576	28,633	879
12 Mining, lumbering, etc. ....	6,417	544	5,588	1,232
13 National defence .....	207	30	297	36
14 Pressing, forming and stamping .....	20,071	271	17,178	258
15 Public works and utilities .....	2,934	-	2,359	-
16 Railway operating .....	29,835	21	22,984	18
17 Railway cars and locomotives .....	3,507	9	901	1
18 Shipbuilding .....	1,219	15	5,479	8
19 Pipes and tubes .....	55,170	-	60,729	-
20 Miscellaneous and unclassified .....	844	-	702	-
Net shipments .....	402,406	11,121	324,828	10,576

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index," copies of which are available on request.



TABLE 13. Disposition of Shipments(1) of Rolled Steel Products, by Product, January, 1961

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
				Heavy including piling	Light		
net tons of 2,000 pounds							
4 Wholesalers and warehouses .....	19	28	697	2,469	1,566	5,648	3,676
5 Direct export:							
(a) British Commonwealth ....	10,319	-	135	-	-	2,128	367
(b) All other .....	37	555	-	28	-	891	516
6 Automotive industries..	1,093	-	-	51	1	-	5,381
7 Agricultural, etc. ....	-	-	16	406	1,038	23	3,132
8 Building construction..	-	37	967	4,395	1,573	10,523	2,409
9 Container industry ....	-	-	13	-	-	26	7
10 Machinery and tools ....	758	51	169	313	97	307	4,904
11 Merchant trade .....	36	-	20,230	98	147	1,628	6,078
12 Mining, lumbering, etc.	322	590	78	924	12	279	3,596
13 National defence .....	-	-	-	104	39	13	29
14 Pressing, forming and stamping .....	42	-	9	29	813	-	791
15 Public works and utilities .....	-	-	-	4	-	2,022	125
16 Railway operating .....	14	20,571	10	28	19	-	728
17 Railway cars and locomotives .....	136	8	-	50	13	-	371
18 Shipbuilding .....	3	-	-	696	9	-	31
19 Pipes and tubes .....	6,708	-	-	-	9	-	-
20 Miscellaneous and unclassified .....	-	-	-	-	-	-	44
Net shipments .....	19,487	21,840	22,324	9,595	5,336	23,488	32,185

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 13. Disposition of Shipments(1) of Rolled Steel Products, by Product, January, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strips	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
-	5,029	4,599	776	243	6,122	3,684	34,556	4
								5
-	-	783	38	-	346	667	14,783	(a)
2	75	4,872	1	-	6,212	3,989	17,178	(b)
-	98	6,929	914	777	5,211	395	20,850	6
-	623	3,059	605	37	1,419	519	10,877	7
1	7,105	3,592	11	199	3,409	9,652	43,873	8
-	25	121	1	-	28,000	86	28,279	9
-	3,682	2,324	326	790	1,715	2,290	17,726	10
-	20	585	364	2	309	15	29,512	11
91	569	177	55	-	90	37	6,820	12
-	15	23	7	103	-	-	333	13
-	461	3,752	287	540	9,154	1,558	17,436	14
-	64	144	-	-	-	-	2,359	15
891	494	72	7	-	-	168	23,002	16
-	120	133	-	-	67	4	902	17
-	4,530	81	-	-	33	104	5,487	18
-	29,160	21,482	-	264	2,891	215	60,729	19
-	110	26	-	221	185	116	702	20
985	52,180	52,754	3,392	3,176	65,163	23,499	335,404	

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Pig iron:</u>				
Silvery .....	United States	-	-	-
Other .....	United States	71	-	-
	United Kingdom	-	-	-
<u>Ingots and semi-finished:</u>				
Ingots .....	United States	-	4	5.1
Billets, blooms, slabs and sheet bars .....	United States	-	5	34.2
<u>Bars and sections:</u>				
Hot rolled bars, n.e.s. ....	United States	775	235	13.8
	United Kingdom	162	25	17.3
	Belgium	74	-	-
	Japan	126	-	-
	Sweden	5	-	-
Hot rolled bars for agricultural implements ..	United States	255	9	-
	United Kingdom	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	1	2	.1
	United Kingdom	28	-	-
Concrete reinforcing bars ..	United States	3	-	-
	United Kingdom	-	-	-
	Japan	612	-	-
Sash or casement sections .	United States	25	-	-
	United Kingdom	30	-	-
Cold rolled bars, n.e.s. ..	United States	90	18	18.0
	United Kingdom	161	-	24.0
	Austria	-	-	1.0
	Belgium	41	-	-
	Japan	24	-	-

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Bars and sections:</u>				
Cold rolled bars for agricultural implements ..	United States	95	-	-
<u>Tool steel:</u>				
All forms and sizes .....	United States	240	63	-
	United Kingdom	27	11	-
	Austria	-	3	-
	Germany	-	2	-
	Sweden	2	2	-
<u>Structural shapes:</u>				
Wide flange beams .....	United States	12,016	-	-
	United Kingdom	623	-	-
	Belgium	17	-	-
Sheet piling .....	United States	54	-	-
	United Kingdom	-	-	-
	Belgium	301	-	-
	France	52	-	-
	Germany	133	-	-
Structurals, n.e.s. 3" to 6" .....	United States	454	-	-
	United Kingdom	123	-	-
	Belgium	118	-	-
	France	15	-	-
	Japan	224	-	-
Structurals, n.e.s. over 6".	United States	891	-	-
	United Kingdom	7	-	-
	Belgium	59	-	-
Bar size structurals, n.e.s.	United States	134	-	12.8
	United Kingdom	5	-	-
	Belgium	178	-	-
	Japan	86	-	-
	Sweden	-	-	4.9

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Structural shapes:</u>				
Bar size structurals for agricultural implements ..	United States	98	-	-
<u>Plates:</u>				
60" and under in width .....	United States	171	185	40.1
	United Kingdom	19	-	25.1
	Germany	11	-	-
	Japan	354	-	-
	Netherlands	1	-	-
	Sweden	-	-	9.3
Over 60" up to and including 100" in width ..	United States	220	302	78.7
	United Kingdom	66	-	-
	Germany	236	-	-
	Japan	2,003	-	-
	Sweden	-	-	8.8
Over 100" in width .....	United States	300	-	-
	United Kingdom	46	-	-
Flanged or dished .....	United States	175	-	4.8
Floor plate .....	United States	295	-	.4
	United Kingdom	54	-	-
	Japan	222	-	-
<u>Sheets and strip (except stainless)</u>				
Hot rolled:				
Under 12" in width .....	United States	357	7	-
	United Kingdom	60	-	-
	Belgium	44	-	-

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961	
		Carbon	Alloy
		net tons of 2,000 pounds	
Sheets and strip (except stainless):			
Hot rolled:			
12" up to but not including 24" in width .....	United States	125	1
	United Kingdom	-	-
24" to 51" in width .....	United States	176	3
	United Kingdom	-	-
	Japan	93	-
Over 51" in width .....	United States	247	-
	United Kingdom	-	-
Cold rolled:			
Under 24" in width .....	United States	509	2
	United Kingdom	34	-
	Japan	4	-
	Sweden	2	-
24" to 51" in width .....	United States	255	-
	United Kingdom	84	-
Over 51" in width .....	United States	1,937	-
	United Kingdom	-	-
Enamelling grade .....	United States	515	-
	United Kingdom	-	-
Aluminized .....	United States	98	-
	United Kingdom	-	-
Coated (other than metal or asbestos bonded) .....	United States	650	-
	United Kingdom	4	-
Asbestos bonded (includes galvanized & corrugated).	United States	130	-
	United Kingdom	18	-



TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961	
		Carbon	Alloy
		net tons of 2,000 pounds	
<u>Sheets and strip (except stainless):</u>			
Metal coated, n.e.s. ....	United States	80	-
	United Kingdom	-	-
Electro galvanized .....	United States	75	-
	United Kingdom	-	-
Galvanized n.e.s. ....	United States	131	-
	United Kingdom	7	-
Electrical (silicon content 2.90 or more) .....	United States	-	978
	United Kingdom	-	-
Electrical n.e.s. ....	United States	-	60
	United Kingdom	-	-
Saw steel .....	United States	48	64
	United Kingdom	-	-
	Sweden	-	5
Hot rolled wasters .....	United States	99	-
	United Kingdom	-	-
Cold rolled wasters .....	United States	95	-
	United Kingdom	-	-
Black plate .....	United States	1	-
Tin plate primes .....	United States	2	-
	United Kingdom	10	-
Tin plate electrolytic .....	United States	-	-
	United Kingdom	-	-
Tin plate wasters and seconds .....	United States	-	-
Terne plate long .....	United States	418	-
	United Kingdom	-	-
Terne plate short .....	United States	39	-
Strip for hoop .....	United States	101	-
	United Kingdom	1	-
	Japan	1	-

TABLE 14. Imports of Selected Forms of Iron And Steel

Commodity	Country of origin	January, 1961
		Stainless
net tons of 2,000 pounds		
<u>Stainless sheets and strips:</u>		
Hot rolled:		
Under 24" in width 18 gauge and heavier .....	United States	1.0
	United Kingdom	1.3
Under 24" in width lighter than 18 gauge ..	United States	-
	United Kingdom	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	7.0
	United Kingdom	78.6
	Sweden	40.3
24" up to and including 51" in width, lighter than 18 gauge .....	United States	6.5
	United Kingdom	7.0
Over 51" in width 18 gauge and heavier .....	United States	5.3
	United Kingdom	-
	Sweden	3.3
Over 51" in width lighter than 18 gauge .....	United States	-
Cold rolled:		
Under 24" in width 18 gauge and heavier .....	United States	34.6
	United Kingdom	.1
Under 24" in width lighter than 18 gauge ..	United States	143.7
	Sweden	.1
Cold rolled n.e.s. ....	United States	196.8
	United Kingdom	86.8
	France	8.4

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Plate, sheet and strip for pipes and tubes:</u>				
Hot rolled:				
15 3/8" and under in width .....	United States	-	-	-
	United Kingdom	-	-	-
Over 15 3/8" in width ....	United States	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-
	United Kingdom	-	-	-
Plate for pipe, over 60" in width .....	United States	1,207	-	-
	United Kingdom	230	-	-
	Japan	1,312	-	-
Cold rolled .....	United States	-	-	-
<hr/>				
<u>Pipes and tubes:</u>				
Spiral welded .....	United States	32	-	-
Cast .....	United States	20	-	-
	United Kingdom	1,174	-	-
For pressure parts of boilers:				
Seamless hot finished ....	United States	41	64	-
	United Kingdom	32	-	-
Seamless cold drawn .....	United States	2	-	40.3
	United Kingdom	31	-	-

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Pipes and tubes:</u>				
For pressure parts of boilers:				
Welded .....	United States	102	-	-
	United Kingdom	28	-	-
	Switzerland	8	-	-
Seamless cold drawn, n.e.s..	United States	142	4	25.4
	United Kingdom	16	-	9.2
	France	-	-	11.7
	Sweden	18	-	1.9
Mechanical tubing .....	United States	611	100	5.5
	United Kingdom	8	-	-
	Sweden	-	118	-
Seamless hot finished, n.e.s.:				
Up to and including 6 5/8" O.D. ....	United States	51	28	.1
	United Kingdom	14	4	-
	Sweden	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	3	1	-
	United Kingdom	91	-	-
Over 10 1/2" O.D. up to and including 16" O.D. .	United States	47	-	-
	United Kingdom	7,512	-	-
Over 16" O.D. ....	United States	45	-	-
	United Kingdom	-	-	-
Drill pipe .....	United States	538	-	-

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Pipes and tubes:</u>				
Welded n.e.s.:				
Up to and including 4 1/2" O.D. ....	United States	337	-	15.9
	United Kingdom	21	-	.7
	France	31	-	-
	Germany	132	-	-
	Japan	88	-	-
Over 4 1/2" O.D. up to and including 16" O.D. .	United States	73	-	4.2
Over 16" O.D. ....	United States	777	-	-
	United Kingdom	-	-	-
Oil country tubing up to and including 3 1/2" O.D..	United States	26	-	-
	United Kingdom	115	-	-
	Japan	215	-	-
Casing:				
J-55 and H-40 .....	United States	37	-	-
	United Kingdom	202	-	-
	Japan	197	-	-
All other casing .....	United States	116	-	-
	United Kingdom	80	-	-
Conduit .....	United States	26	-	-



TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Wire products:</u>				
Wire:				
For wire rope .....	United States	1	-	-
	United Kingdom	1,041	-	-
	Germany	96	-	-
	Japan	272	-	-
For springs, cushions, etc. ....	United States	65	1	-
	United Kingdom	-	-	-
	Japan	44	-	-
For corset clasps, dress stays, etc. ....	United States	2	-	-
	United Kingdom	1	-	-
Coated ( tin, copper, plastic, paper, paint etc.) .....	United States	15	-	2.5
	United Kingdom	5	-	-
Galvanized fence wire ....	United States	-	-	-
	United Kingdom	83	-	-
	Belgium	30	-	-
Galvanized, n.e.s. ....	United States	23	-	-
	United Kingdom	113	-	-
	Austria	2	-	-
	Belgium	55	-	-
	France	28	-	-
	Italy	9	-	-
	Japan	68	-	-
Wire, n.e.s. ....	United States	42	10	10.8
	United Kingdom	77	-	.6
	Austria	35	-	-
	Belgium	6	-	-
	Germany	1	-	-
	Japan	77	-	-
	Sweden	1	-	-

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Wire products:</u>				
Wire rope .....	United States	3	-	.8
	United Kingdom	86	-	-
	Belgium	6	-	-
	Denmark	5	-	-
	France	64	-	-
	Germany	64	-	-
	Japan	82	-	-
	Netherlands	19	-	-
Norway	2	-	-	
Welding rods (cut length) ..	United States	204	50	26.8
	United Kingdom	89	-	-
	Sweden	6	-	.2
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	31	9	1.6
	United Kingdom	4	-	-
Wire rods (all sizes) .....	United States	-	-	-
	United Kingdom	-	-	-
	Chile	97	-	-
	Germany	460	-	3.8
	Japan	218	-	-
<u>Rails and railway material:</u>				
Rails:				
60 lb. and under per lineal yard .....	United States	34	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	98	-	-
	United Kingdom	-	-	-
Over 100 lb. per lineal yard .....	United States	-	-	-

TABLE 14. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	January, 1961		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Rails and railway material:</u>				
Track material:				
Fish plates, angle bars, etc. ....	United States	127	-	-
	United Kingdom	-	-	-
Switch points, guard rails, etc. ....	United States	-	-	-
	United Kingdom	-	-	-
Other railway materials				
Axles .....	United States	-	-	-
	United Kingdom	18	-	-
Steel tires .....	United States	-	-	-
Steel wheels .....	United States	9	-	-
	United Kingdom	-	-	-
Total imports .....		48,768	2,375	1,081.2

Note: High strength low alloy steel included with carbon, refer to table 16, for details.

TABLE 15. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	January, 1961		
	Carbon	Alloy	Stainless
net tons of 2,000 pounds			
United States .....	27,333	2,205	736.8
United Kingdom .....	12,641	40	250.7
Australia .....	-	-	-
Austria .....	37	3	1.0
Belgium (1) .....	929	-	-
Chile .....	97	-	-
Denmark .....	5	-	-
France ,,, .....	190	-	20.1
Germany .....	1,167	2	3.8
Italy .....	9	-	-
Japan .....	6,322	-	-
Netherlands .....	20	-	-
Norway .....	2	-	-
Spain .....	-	-	-
Sweden .....	37	125	68.8
Switzerland .....	8	-	-
U.S.S.R. ....	-	-	-
Totals .....	48,768	2,375	1,081.2

(1) Includes Luxembourg.

TABLE 16. Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of origin	January, 1961
		net tons of 2,000 pounds
<u>Structural shapes:</u>		
Wide flange beams .....	United States	81.0
n.e.s. 3" to 6" .....	United States	19.9
n.e.s. over 6" .....	United States	24.2
<u>Plates:</u>		
60" and under in width .....	United States	63.7
Over 60" up to and including 100" width .....	United States	13.9
	United Kingdom	11.3
<u>Sheets and strip:</u>		
Hot rolled:		
24" to 51" in width .....	United States	19.4
over 51" in width .....	United States	41.3
Total high strength low alloy .....		274.7

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 17. Exports of Selected Forms of Iron and Steel

		January, 1961
Data unavailable in time for publication		



Steel Furnace Capacity as of January 1, 1961

<u>Name of Firm</u>	<u>Location</u>	<u>Annual Capacity (1)</u> net tons of 2,000 pounds
A - 1 Steel & Foundry.	Vancouver, B.C.	3,600
Algoma Steel Corporation Limited.	Sault Ste. Marie, Ont.	1,600,000
Atlas Steels Limited.	Welland Ont.	170,400
Burlington Steel Co. Limited.	Hamilton Ont.	26,400
Canada Electric Castings Co. Limited.	Orillia Ont.	6,000
Canadian Steel Foundries (1956) Ltd.	Longue Pointe, Montreal P.Q.	169,000
Canadian Steel Wheel Ltd.	Montreal P.Q.	145,800
Canadian Sumner Iron Works Ltd.	Vancouver B.C.	3,700
Canadian Unitcast Steel Ltd.	Sherbrooke P.Q.	8,000
Consolidated Mining & Smelting Co. of Canada Ltd.	Trail B.C.	8,500
Crucible Steel of Canada Ltd.	Sorel P.Q.	31,800
Dominion Brake Shoe Co. Ltd.		
Joliette Steel Div.	Montreal P.Q.	32,700
Dominion Engineering Works Ltd.	Montreal P.Q.	15,000
Dominion Foundries & Steel Ltd.	Hamilton Ont.	1,350,400
Dominion Steel & Coal Corporation Ltd.	Montreal P.Q.	90,000
Dominion Steel & Coal Corporation Ltd.	Sydney N.S.	960,000
Fahralloy Canada Ltd.	Orillia Ont.	16,400
Foothills Steel Foundry & Iron Works Ltd.	Calgary Alta.	1,900
Ford Motor Co. of Canada Ltd.	Windsor Ont.	131,300
Griffin Steel Foundries Ltd.	St. Hyacinthe P.Q.	27,700
Griffin Steel Foundries Ltd.	Transcona Man.	33,200
Interprovincial Steel & Pipe Corporation Ltd.		
Prairie Pipe Div.	Regina Sask.	120,000
Wm. Kennedy & Sons	Owen Sound Ont.	6,000
Lynn McLeod Metallurgy Ltd.	Thetford Mines P.Q.	8,000
Manganese Steel Castings Ltd.	Sherbrooke P.Q.	1,800
Dominion Brake Shoe Co. Ltd.		
Manitoba Steel Foundry Div.	Selkirk Man.	7,000
Manitoba Rolling Mill Co. Ltd.	Winnipeg Man.	108,000
Maritime Steel & Foundries Ltd.	New Glasgow N.S.	3,000
Neelon Steel Ltd.	Sudbury Ont.	9,600
Premier Steel Mills Ltd.	Edmonton Alta.	100,000
Reliance Foundry Co. Ltd.	Vancouver B.C.	8,000
Shawinigan Chemicals Ltd.	Shawinigan Falls P.Q.	19,500
Sorel Steel Foundries Ltd.	Sorel P.Q.	22,500
Steel Co. of Canada Ltd.	Hamilton Ont.	2,500,000
The Indiana Steel Products Co. of Canada Ltd.	Kitchener Ont.	2,000
Vancouver Steel Co. Ltd.	Vancouver B.C.	86,000
Victoria Machinery Depot Co. Ltd.	Victoria B.C.	2,500
Welland Electric Steel Foundry	Welland Ont.	8,250
Total		7,843,950

(1) Annual capacity is the production which the given piece of equipment will turn out in a year, working at normal efficiency, 24 hours a day, and irrespective altogether of materials and labour supply or the markets, although allowing for such shut-downs as may be necessary for repairs and overhauling or rebuilding.



Pig Iron

Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.
Canadian Furnace Ltd.	Port Colborne, Ont.
The Consolidated Mining & Smelting Co. of Canada Ltd.	Trail, B.C.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.
Quebec Iron & Titanium Corporation.	Sorel, P.Q.
Steel Co. of Canada.	Hamilton, Ont.

Steel Ingots and Steel Castings

A - 1 Steel & Foundry.	Vancouver, B.C.
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.
Atlas Steels.	Welland, Ont.
Burlington Steel Co. Ltd.	Hamilton, Ont.
Canada Electric Castings Co. Ltd.	Orillia, Ont.
Canadian Steel Foundries (1956) Ltd.	Longue Pointe, Montreal, P.Q.
Canadian Steel Wheel Ltd.	Hochelaga, Montreal, P.Q.
Canadian Sumner Iron Works Ltd.	Vancouver, B.C.
Canadian Unitcast Steel Ltd.	Sherbrooke, P.Q.
Consolidated Mining & Smelting Co. of Canada Ltd.	Trail, B.C.
Crucible Steel of Canada Ltd.	Sorel, P.Q.
Dominion Brake Shoe Co. Ltd.	
(Joliette Steel Div.)	Montreal, P.Q.
Dominion Brake Shoe Co. Ltd.	
(Manitoba Steel Foundry Div.)	Selkirk, Man.
Dominion Engineering Works Ltd.	Montreal, P.Q.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.
Dominion Steel & Coal Corporation Ltd.	Montreal, P.Q.
Fahrer Alloy Canada Ltd.	Orillia, Ont.
Foothills Steel Foundry & Iron Works Ltd.	Calgary, Alta.
Ford Motor Co. of Canada Ltd.	Windsor, Ont.
Griffin Steel Foundries Ltd.	
(St. Hyacinthe Plant)	St. Hyacinthe, P.Q.
Griffin Steel Foundries Ltd.	
(Transcona Plant)	Transcona, Man.
Interprovincial Steel & Pipe Corporation Ltd.	
(Prairie Pipe Div.)	Regina, Sask.
Wm. Kennedy & Sons	Owen Sound, Ont.
Lynn MacLeod Metallurgy Ltd.	Thetford Mines, P.Q.
Manganese Steel Castings.	Sherbrooke, P.Q.
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.
Maritime Steel & Foundries Ltd.	New Glasgow, N.S.
Neelon Steel Ltd.	Sudbury Ont.
Premier Steel Mills Ltd.	Edmonton, Alta.
Reliance Foundry Co. Ltd.	Vancouver, B.C.
Shawinigan Chemicals Ltd.	Shawinigan Falls, P.Q.
Sorel Steel Foundries Ltd.	Sorel, P.Q.
Steel Co. of Canada	Hamilton, Ont.
The Indiana Steel Products Co. of Canada Ltd.	Kitchener, Ont.
Vancouver Steel Co. Ltd.	Vancouver, B.C.
Victoria Machinery Depot Co. Ltd.	Victoria, B.C.
Welland Electric Steel Foundry.	Welland, Ont.

### Ferro Alloys

Canadian Carborundum Co. Ltd.	Niagara Falls, Ont.
Chromium Mining & Smelting Corp. Ltd.	Beauharnois, P.Q.
Exelon Company.	Thorold, Ont.
Lionite Abrasive Ltd.	Niagara Falls, Ont.
Norton Company.	Worcester, Mass. U.S.A.
Simonds Canada Abrasives Co.	Arvida, P.Q.
Union Carbide Canada Ltd.	
(Metals & Carbon Div. Beauharnois Plant.)	Beauharnois, P.Q.
Union Carbide Canada Ltd.	
(Metals & Carbon Div. Welland Plant.)	Welland, Ont.

### Steel Pipes, Tubes and Fittings

Actonvale Nipple Company.	Actonvale, P.Q.
Alberta Phoenix Tube & Pipe Ltd.	Edmonton, Alta.
Barton Tubes Limited.	Burlington, Ont.
Big Inch and Plate Corporation.	Calgary, Alta.
Burlington Steel Co. Ltd.	Hamilton, Ont.
Camrose Tubes.	Camrose, Alta.
Canadian Acme Screw & Gear Co.	Toronto, Ont.
Canadian Coupling & Fitting Ltd.	Simcoe, Ont.
Canadian Western Pipe Mills Ltd.	Port Moody, B.C.
Crane Limited.	Montreal, P.Q.
Dominion Steel & Coal Corp. Ltd.	Montreal, P.Q.
Interprovincial Steel & Pipe Corp. Ltd.	
(Prairie Pipe Div.)	Regina, Sask.
Ladish Co. of Canada Ltd.	Brantford, Ont.
Mannesmann Tube Co. Ltd.	Sault Ste. Marie, Ont.
Oakton Products Ltd.	Scarborough, Ont.
Page-Hersey Tubes Ltd.	Toronto, Ont.
Sasco Tubes Ltd.	Toronto, Ont.
Sonco Steel Products Ltd.	Toronto, Ont.
Standard Fittings (Canada) Ltd.	Toronto, Ont.
Standard Tube & T.I. Ltd.	Woodstock, Ont.
The Steel Co. of Canada Ltd.	Hamilton, Ont.
Taylor Forge & Pipe Works of Canada Ltd.	Hamilton, Ont.
Tubular Steel Products Ltd.	Toronto, Ont.
Tube Turns of Canada Ltd.	Ridgetown, Ont.
Welland Tubes Ltd.	Toronto, Ont.

### Rolled Steel Products

Algoma Steel Corp. Ltd.	Sault Ste. Marie, Ont.
Atlas Steels.	Welland, Ont.
Burlington Steel Co. Ltd.	Hamilton, Ont.
The Canadian Drawn Steel Co. Ltd.	Hamilton, Ont.
Canadian Sheet Galvanizers Ltd.	Montreal, P.Q.
Crucible Steel of Canada Ltd.	Sorel, P.Q.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corp. Ltd.	Sydney, N.S.
Dominion Steel & Coal Corp. Ltd.	Montreal, P.Q.
Dominion Steel & Coal Corp. Ltd.	Weston, Toronto, Ont.
Enamel & Heating Products Ltd.	Amherst, N.S.
Interprovincial Steel & Pipe Corp. Ltd.	
(Prairie Pipe Div.)	Regina, Sask.
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.
Premier Steel Mills Ltd.	Edmonton, Alta.
Stanley Steel Co. Ltd.	Hamilton, Ont.
Steel Co. of Canada.	Hamilton, Ont.
Union Drawn Steel Co. Ltd.	Hamilton, Ont.
Vanadium Alloys Steel Canada Ltd.	London, Ont.
Vancouver Rolling Mills Ltd.	Vancouver, B.C.
Vic Metals Inc.	Victoriaville, P.Q.



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# PRIMARY IRON AND STEEL

## FEBRUARY 1961

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TABLE 1. Description of Iron Blast Furnaces(1) at end of February, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,585,900	73.1
Banked .....	-	-	-
Blown out .....	6	1,319,000	26.9
Totals .....	17	4,904,900 <sup>r</sup>	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

<sup>r</sup> Revised.

TABLE 2. Iron Blast Furnaces Charges(1)

	February, 1961	Two months ended February, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	83,582	142,701
From foreign mines .....	146,848	320,065
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	92,047	191,350
From foreign mines .....	85,243	150,455
From own processing .....	108,269	237,271
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	14,077	32,702
Scrap iron and steel .....	6,451	12,933
Limestone .....	62,956	120,278
Dolomite .....	18,922	37,074
Coke .....	230,263	457,208

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, February

	1 9 6 0		1 9 6 1	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	318,918	3,730	286,417	2,983
Foundry (including silvery pig) (2) .....	19,473	9,536	28,998	7,270
Malleable .....	18,952	24,812	7,909	13,501
Total pig iron .....	357,343	38,078	323,324	23,754
Ferro-alloys .....	10,065	12,169	7,786	6,929
Stocks of pig iron on hand at end of month .....	252,666		339,015	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Two months ended February

	1 9 6 0		1 9 6 1	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	654,789	9,713	586,337	4,919
Foundry (including silvery pig) (2) .....	44,421	16,264	53,063	14,240
Malleable .....	32,656	48,481	14,952	26,889
Total pig iron .....	731,866	74,458	654,352	46,048
Ferro-alloys .....	21,772	24,571	16,417	15,077

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	February		Two months ended February	
	1 9 6 0	1 9 6 1	1 9 6 0	1 9 6 1
	net tons of 2,000 pounds			
Pig iron .....	324,382	289,967	649,397	583,328
Scrap - Own make .....	153,119	133,398	300,386	265,260
Purchased .....	145,714	100,358	303,876	180,457
Total pig iron and scrap .....	623,215	523,723	1,253,659	1,029,045

TABLE 7. Production and Shipments of Steel Ingots and Castings, February

	1 9 6 0		1 9 6 1	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	484,233	18,731	423,641	291
Electric .....	60,487	9,550	40,882	7,872
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	544,720	28,281	464,523	8,163
Alloy steel ingots included in above .....	25,865	683	15,029	503
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	190	780	173	173
Electric .....	6,647	7,790	7,713	6,542
Other .....	-	-	-	-
Total steel castings .....	6,837	8,570	7,886	6,715
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	242	219	188	162
High alloy, manganese and abrasion resistant ...	1,900	1,687	1,364	1,139
All other alloys .....	318	338	330	223
Total alloy castings .....	2,460	2,244	1,882	1,524

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Two Months Ended February

	1 9 6 0		1 9 6 1	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	986,989	36,994	829,268	613
Electric .....	119,883	17,034	85,846	13,755
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	1,106,872	54,028	915,114	14,368
Alloy steel ingots included in above .....	55,739	2,683	34,630	745
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	919	1,550	346	346
Electric .....	13,823	14,323	14,337	13,947
Other .....	-	-	-	-
Total steel castings .....	14,742	15,873	14,683	14,293
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	435	424	386	343
High alloy, manganese and abrasion resistant ...	3,361	3,179	2,446	2,208
All other alloys .....	619	609	824	740
Total alloy castings .....	4,415	4,212	3,656	3,291

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	February, 1961		Two months ended February, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	-	60	2	108
Automotive industries .....	122	14	206	22
Agricultural, including implement and equipment manufacturers .....	114	-	244	-
Machinery and tools .....	954	229	2,172	442
Mining, lumbering and quarrying industries .....	587	725	831	1,796
Oil and gas, including refineries .....	51	28	129	68
National defence .....	2	13	9	29
Public works and public utilities .....	17	23	40	40
Railway operating .....	3,122	141	6,714	281
Railway cars and locomotives .....	117	1	444	1
Shipbuilding .....	18	3	48	16
Miscellaneous and unclassified .....	87	287	163	488
Total shipments .....	5,191	1,524	11,002	3,291

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....					
April .....					
May .....					
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					



TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, February

	1 9 6 0		1 9 6 1	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	13,620	13,734	17,370	10,157
Over 4 1/2" outside diameter (including all sizes of casing) .....	15,134	11,011	32,599	34,511
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,282	6,277	5,455	5,524
Totals .....	34,036	31,022	55,424	50,192
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	80	107	25	39
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	502	567	264	418
Totals .....	582	674	289	457

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Two months ended February

	1 9 6 0		1 9 6 1	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	34,656	25,588	27,807	20,522
Over 4 1/2 " outside diameter (including all sizes of casing) .....	29,038	25,163	85,928	88,003
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	12,807	13,302	10,153	10,396
Totals .....	76,501	64,053	123,888	118,921
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	171	221	75	92
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	964	1,103	645	908
Totals .....	1,135	1,324	720	1,000

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, February, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	16,596	22,535	8,855	13,680
For forging and piercing .....	9,884	10,684	-	10,684
Rails .....	17,030	10,959	-	10,959
Wire rods .....	24,718	25,554	142	25,412
Structural shapes:				
Heavy, including piling .....	10,479	9,676	-	9,676
Light .....	3,312	3,183	-	3,183
Concrete reinforcing bars .....	24,024	25,388	-	25,388
Other hot rolled bars .....	27,181	26,442	2,468	23,974
Tie plates and track material:				
Angle bars .....	79	269	-	269
Tie plates .....	4,887	2,595	-	2,595
Track spikes .....	891	1,202	-	1,202
Plates (including plates for pipes and tubes) .....	64,509	66,810	-	66,810
Hot rolled sheets and strip ....	162,505	157,836	118,520	39,316
Total hot rolled products ..	366,095	363,133	129,985	233,148
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,666	2,769	-	2,769
Cold reduced strip .....	4,289	4,281	-	4,281
Cold reduced sheets, tin mill black plate and tin plate ....	107,527	107,888	48,390	59,498
Galvanized sheets .....	22,323	19,370	-	19,370
Total cold rolled and coated .	136,805	134,308	48,390	85,918
Total carbon steel .....	502,900	497,441	178,375	319,066
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	667	667	-	667
Alloy plates .....	-	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	7,511	5,688	35	5,653
Structurals .....	-	-	-	-
Cold finished bars .....	558	651	-	651
Wire rods .....	173	174	-	174
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,053	2,092	-	2,092
Total alloy steel .....	10,962	9,272	35	9,237

TABLE 14 . Production and Disposition of Shipments of Rolled Steel Products, Two Months Ended February, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	35,419	38,442	14,457	23,985
For forging and piercing .....	17,836	19,259	-	19,259
Rails .....	41,259	32,799	-	32,799
Wire rods .....	46,943	47,903	500	47,403
Structural shapes:				
Heavy, including piling .....	18,714	19,271	-	19,271
Light .....	8,636	8,519	-	8,519
Concrete reinforcing bars .....	52,704	48,876	-	48,876
Other hot rolled bars .....	58,420	54,061	4,596	49,465
Tie plates and track material:				
Angle bars .....	79	269	-	269
Tie plates .....	5,613	3,216	-	3,216
Track spikes .....	1,280	1,566	-	1,566
Plates (including plates for pipes and tubes) .....	122,426	118,989	-	118,989
Hot rolled sheets and strip ....	309,190	310,491	220,875	89,616
Total hot rolled products ..	718,519	703,661	240,428	463,233
<u>Cold rolled and coated:</u>				
Cold finished bars .....	5,558	5,674	-	5,674
Cold reduced strip .....	8,222	8,022	565	7,457
Cold reduced sheets, tin mill black plate and tin plate ....	218,656	222,993	98,335	124,661
Galvanized sheets .....	45,392	42,869	-	42,869
Total cold rolled and coated .	277,828	279,558	98,897	180,661
Total carbon steel .....	996,347	983,219	339,325	643,894
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	46	46	46	-
For forging and piercing .....	1,274	1,274	-	1,274
Alloy plates .....	1	1	-	1
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	14,570	12,410	63	12,347
Structurals .....	-	-	-	-
Cold finished bars .....	1,085	1,138	-	1,138
Wire rods .....	506	507	-	507
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	4,275	4,546	-	4,546
Total alloy steel .....	21,757	19,922	109	19,813

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.	February, 1961		Two months ended February, 1961		
	Carbon	Alloy	Carbon	Alloy	
net tons of 2,000 pounds					
4	Wholesalers and warehouses .....	35,581	459	69,559	1,037
5	Direct export:				
	(a) British Commonwealth .....	18,238	539	32,217	1,343
	(b) All other .....	14,418	851	30,451	1,996
6	Automotive industries .....	15,648	4,201	32,450	8,249
7	Agricultural, including implement and equipment manufacturers .....	7,831	393	18,513	588
8	Building construction .....	48,589	77	92,432	107
9	Container industry .....	27,086	8	55,359	14
10	Machinery and tools .....	13,826	1,098	30,214	2,436
11	Merchant trade products .....	31,894	435	60,527	1,314
12	Mining, lumbering, etc. ....	4,432	852	10,020	2,084
13	National defence .....	254	57	551	93
14	Pressing, forming and stamping .....	15,872	211	33,050	469
15	Public works and utilities .....	3,941	-	6,300	-
16	Railway operating .....	15,376	16	38,360	34
17	Railway cars and locomotives .....	1,575	1	2,476	2
18	Shipbuilding .....	5,169	7	10,648	15
19	Pipes and tubes .....	58,753	32	119,482	32
20	Miscellaneous and unclassified .....	583	-	1,285	-
	Net shipments .....	319,066	9,237	643,894	19,813

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, February, 1961

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars							
				Heavy including piling	Light									
net tons of 2,000 pounds														
4	Wholesalers and warehouses .....	-	127	763	3,785	1,087	5,779	3,238						
5. Direct export:														
	(a) British Commonwealth ....	13,680	-	597	-	-	2,038	872						
	(b) All other .....	218	140	45	130	-	2,839	547						
6	Automotive industries .	1,140	-	1	79	61	4	5,148						
7	Agricultural, etc. ....	17	-	-	410	200	-	2,837						
8	Building construction .	-	204	1,243	4,391	1,252	10,306	1,715						
9	Container industry ....	-	-	23	-	-	27	3						
10	Machinery and tools ...	783	32	276	215	36	284	3,646						
11	Merchant trade .....	525	-	22,552	47	10	1,330	5,993						
12	Mining, lumbering, etc.	81	860	34	79	11	43	2,992						
13	National defence .....	-	-	-	-	-	2	139						
14	Pressing, forming and stamping .....	6	-	14	142	421	-	710						
15	Public works and utilities .....	-	-	1	157	-	2,436	27						
16	Railway operating .....	7	9,596	37	99	30	249	930						
17	Railway cars and locomotives .....	329	-	-	17	9	-	472						
18	Shipbuilding .....	1	-	-	125	12	51	328						
19	Pipes and tubes .....	8,244	-	-	-	-	-	-						
20	Miscellaneous and unclassified .....	-	-	-	-	54	-	30						
Net shipments .....								25,031	10,959	25,586	9,676	3,183	25,388	29,627

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, February, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
17	5,513	5,562	821	233	5,982	3,133	36,040	4
								5
-	-	360	25	-	408	797	18,777	(a)
-	284	1,906	-	-	6,526	2,634	15,269	(b)
-	193	7,279	794	756	4,046	348	19,849	6
-	431	2,540	682	31	805	271	8,224	7
-	11,102	4,905	34	536	2,893	10,085	48,666	8
-	-	164	1	-	26,791	85	27,094	9
12	3,423	3,397	474	919	1,283	144	14,924	10
-	16	606	365	15	816	54	32,329	11
83	409	304	41	-	314	33	5,284	12
-	112	31	8	19	-	-	311	13
-	664	4,599	168	673	7,282	1,404	16,083	14
-	1,214	106	-	-	-	-	3,941	15
3,953	107	285	5	-	28	66	15,392	16
1	155	473	2	-	118	-	1,576	17
-	4,534	56	-	-	22	47	5,176	18
-	38,653	8,835	-	848	2,013	192	58,785	19
-	-	-	-	251	171	77	583	20
4,066	66,810	41,408	3,420	4,281	59,498	19,370	328,303	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Two Months Ended February, 1961

February, 1961

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars	
				Heavy including piling	Light			
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	19	155	1,460	6,254	2,653	11,427	6,914
5.	Direct export:							
	(a) British Commonwealth ....	23,999	-	732	-	-	4,166	1,239
	(b) All other .....	255	695	45	158	-	3,730	1,063
6	Automotive industries .	2,233	-	1	130	62	4	10,529
7	Agricultural, etc. ....	17	-	16	816	1,238	23	5,969
8	Building construction .	-	241	2,210	8,786	2,825	20,829	4,124
9	Container industry ....	-	-	36	-	-	53	10
10	Machinery and tools ...	1,541	83	445	528	133	591	8,550
11	Merchant trade .....	561	-	42,782	145	157	2,958	12,071
12	Mining, lumbering, etc.	403	1,450	112	1,003	23	322	6,588
13	National defence .....	-	-	-	104	39	15	168
14	Pressing, forming and stamping .....	48	-	23	171	1,234	-	1,501
15	Public works and utilities .....	-	-	1	161	-	4,458	152
16	Railway operating .....	21	30,167	47	127	49	249	1,658
17	Railway cars and locomotives .....	465	8	-	67	22	-	843
18	Shipbuilding .....	4	-	-	821	21	51	359
19	Pipes and tubes .....	14,952	-	-	-	9	-	-
20	Miscellaneous and unclassified .....	-	-	-	-	54	-	74
	Net shipments .....	44,518	32,799	47,910	19,271	8,519	48,876	61,812

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Two Months Ended February, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
17	10,542	10,161	1,597	476	12,104	6,817	70,596	4
								5
-	-	1,143	63	-	754	1,464	33,560	(a)
2	359	6,778	1	-	12,738	6,623	32,447	(b)
-	291	14,208	1,708	1,533	9,257	743	40,699	6
-	1,054	5,599	1,287	68	2,224	790	19,101	7
1	18,207	8,497	45	735	6,302	19,737	92,539	8
-	25	285	2	-	54,791	171	55,373	9
12	7,105	5,721	800	1,709	2,998	2,434	32,650	10
-	36	1,191	729	17	1,125	69	61,841	11
174	978	481	96	-	404	70	12,104	12
-	127	54	15	122	-	-	644	13
-	1,125	8,351	455	1,213	16,436	2,962	33,519	14
-	1,278	250	-	-	-	-	6,300	15
4,844	601	357	12	-	28	234	38,394	16
1	275	606	2	-	185	4	2,478	17
-	9,064	137	-	-	55	151	10,663	18
-	67,813	30,317	-	1,112	4,904	407	119,514	19
-	110	26	-	472	356	193	1,285	20
5,051	118,990	94,162	6,812	7,457	124,661	42,869	663,707	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	45	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
<hr/>							
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	49	7	-	49	11	5.1
Billets, blooms, slabs and sheet bars .....	United States	-	20	11.8	-	25	46.0
<hr/>							
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	689	298	16.4	1,464	533	30.2
	United Kingdom	45	12	12.7	207	37	30.0
	Belgium	15	-	-	89	-	-
	France	32	-	-	32	-	-
	Japan	182	-	-	308	-	-
	Sweden	-	1	2.4	5	1	2.4
Hot rolled bars for agricultural implements ..	United States	48	63	-	303	72	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	111	-	.1	112	2	.2
	United Kingdom	8	-	1.4	36	-	1.4
Concrete reinforcing bars .	United States	79	-	-	82	-	-
	United Kingdom	-	-	-	-	-	-
	Germany	329	-	-	329	-	-
	Japan	114	-	-	726	-	-
Sash or casement sections .	United States	68	-	-	93	-	-
	United Kingdom	77	-	-	107	-	-
Cold rolled bars, n.e.s. ...	United States	55	31	6.5	145	49	24.5
	United Kingdom	196	-	4.1	357	-	28.1
	Austria	-	-	1.3	-	-	2.3
	Belgium	-	-	-	41	-	-
	Japan	-	-	-	24	-	-
	Sweden	1	-	-	1	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	69	6	-	164	6	-
	United Kingdom	11	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	199	73	-	439	136	-
	United Kingdom	11	11	-	38	22	-
	Austria	-	23	-	-	26	-
	Germany	-	10	-	-	12	-
	Sweden	1	8	-	3	10	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	13,561	-	-	25,577	-	-
	United Kingdom	985	-	-	1,608	-	-
	Belgium	292	-	-	309	-	-
Sheet piling .....	United States	26	-	-	80	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	71	-	-	372	-	-
	France	-	-	-	52	-	-
	Germany	72	-	-	205	-	-
Structurals, n.e.s. 3" to 6" .....	United States	496	-	3.3	950	-	3.3
	United Kingdom	-	-	-	123	-	-
	Belgium	21	-	-	139	-	-
	France	5	-	-	20	-	-
	Japan	110	-	-	334	-	-
Structurals, n.e.s. over 6"	United States	1,227	-	-	2,118	-	-
	United Kingdom	10	-	-	17	-	-
	Belgium	-	-	-	59	-	-
Bar size structurals, n.e.s. ....	United States	90	-	9.4	224	-	22.2
	United Kingdom	-	-	1.2	5	-	1.2
	Belgium	3	-	-	181	-	-
	France	29	-	-	29	-	-
	Japan	11	-	-	97	-	-
	Sweden	-	-	.2	-	-	5.1



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	55	-	-	153	-	-
<u>Plates:</u>							
60" and under in width ....	United States	478	46	43.8	649	231	83.9
	United Kingdom	625	-	.3	644	-	25.4
	Germany	93	-	-	104	-	-
	Japan	437	-	-	791	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	-	-	-	9.3
Over 60" up to and including 100" in width .	United States	374	169	27.1	594	471	105.8
	United Kingdom	190	-	-	256	-	-
	Germany	519	-	-	755	-	-
	Japan	576	-	-	2,579	-	-
	Sweden	-	-	-	-	-	8.8
Over 100" in width .....	United States	472	-	-	772	-	-
	United Kingdom	26	-	-	72	-	-
Flanged or dished .....	United States	116	-	11.2	291	-	16.0
Floor plate .....	United States	355	-	-	650	-	.4
	United Kingdom	14	-	-	68	-	-
	Japan	82	-	-	304	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	240	-	-	597	7	-
	United Kingdom	-	-	-	60	-	-
	Belgium	5	-	-	50	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961		Two months ended February, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not including 24" in width .....	United States	150	23	275	24
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	263	1	439	4
	United Kingdom	10	-	10	-
	Japan	80	-	173	-
Over 51" in width .....	United States	611	-	858	-
	United Kingdom	-	-	-	-
Cold rolled:					
Under 24" in width .....	United States	352	6	861	8
	United Kingdom	41	-	75	-
	Germany	82	-	82	-
	Japan	-	-	4	-
	Netherlands	1	-	1	-
	Sweden	44	2	46	2
24" to 51" in width .....	United States	230	-	485	-
	United Kingdom	-	-	84	-
Over 51" in width .....	United States	824	-	2,761	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	795	-	1,310	-
	United Kingdom	-	-	-	-
Aluminized .....	United States	84	-	182	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	761	-	1,411	-
	United Kingdom	53	-	57	-
	Germany	2	-	2	-
Asbestos bonded (includes galvanized & corrugated).	United States	10	-	140	-
	United Kingdom	2	-	20	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961		Two months ended February, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	63	-	143	-
	United Kingdom	2	-	2	-
	Germany	21	-	21	-
Electro galvanized .....	United States	149	-	224	-
	United Kingdom	-	-	-	-
Galvanized n.e.s. ....	United States	104	-	235	-
	United Kingdom	1	-	8	-
Electrical (silicon content 2.90 or more) .....	United States	-	984	-	1,962
	United Kingdom	-	-	-	-
Electrical n.e.s. ....	United States	-	42	-	102
	United Kingdom	-	-	-	-
Saw steel .....	United States	9	67	57	131
	United Kingdom	-	1	-	1
	France	-	2	-	2
	Germany	-	-	-	-
	Sweden	1	19	1	24
Hot rolled wasters .....	United States	150	-	249	-
	United Kingdom	-	-	-	-
Cold rolled wasters .....	United States	138	-	233	-
	United Kingdom	-	-	-	-
Black plate .....	United States	-	-	1	-
Tin plate primes .....	United States	90	-	92	-
	United Kingdom	-	-	10	-
Tin plate electrolytic ....	United States	21	-	21	-
	United Kingdom	1,046	-	1,046	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate long .....	United States	667	-	1,085	-
	United Kingdom	-	-	-	-
Terne plate short .....	United States	-	-	39	-
Strip for hoop .....	United States	-	-	101	-
	United Kingdom	-	-	1	-
	Japan	-	-	1	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961	Two months ended February, 1961
		Stainless	Stainless
		net tons of 2,000 pounds	
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	3.2	4.2
	United Kingdom	1.5	2.8
Under 24" in width lighter than 18 gauge .	United States	.2	.2
	United Kingdom		
24" up to and including 51" in width, 18 gauge and heavier .....	United States	6.7	13.7
	United Kingdom	35.1	113.7
	Sweden	8.6	48.9
24" up to and including 51" in width, lighter than 18 gauge .....	United States	3.4	9.9
	United Kingdom	10.9	17.9
Over 51" in width 18 gauge and heavier .....	United States	1.1	6.4
	United Kingdom	-	-
	Sweden	-	3.3
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	26.5	61.1
	United Kingdom	-	.1
Under 24" in width lighter than 18 gauge .	United States	110.7	254.4
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	116.5	313.3
	United Kingdom	91.5	178.3
	France	-	8.4
	Japan	22.2	22.2

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	-	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	1,207	-	-
	United Kingdom	-	-	-	230	-	-
	Japan	-	-	-	1,312	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	8	-	-	40	-	-
Cast .....	United States	37	-	-	57	-	-
	United Kingdom	733	-	-	1,907	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	128	6	-	169	70	-
	United Kingdom	312	-	-	344	-	-
Seamless cold drawn .....	United States	4	-	2.1	6	-	42.4
	United Kingdom	6	-	-	37	-	-
	Sweden	-	-	2.3	-	-	2.3



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	127	-	-	229	-	-
	United Kingdom	104	-	-	132	-	-
	Germany	4	-	-	4	-	-
	Switzerland	-	-	-	8	-	-
Seamless cold drawn, n.e.s.	United States	75	2	12.3	217	6	37.7
	United Kingdom	32	-	16.0	48	-	25.2
	France	-	-	-	-	-	11.7
	Germany	5	-	-	5	-	-
	Sweden	4	-	.4	22	-	2.3
Mechanical tubing .....	United States	940	221	1.4	1,551	321	6.9
	United Kingdom	57	-	1.8	65	-	1.8
	Germany	-	4	-	-	4	-
	Sweden	-	80	-	-	198	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D. ....	United States	27	15	2.1	78	43	2.2
	United Kingdom	37	-	-	51	4	-
	Japan	9	-	-	9	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	3	-	-	6	1	-
	United Kingdom	-	-	-	91	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	167	-	-	214	-	-
	United Kingdom	16	-	-	7,528	-	-
	Germany	132	-	-	132	-	-
Over 16" O.D. ....	United States	65	-	-	110	-	-
	United Kingdom	-	-	-	-	-	-
Drill pipe .....	United States	356	-	-	894	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	153	-	3.9	490	-	19.8
	United Kingdom	110	-	-	131	-	.7
	France	12	-	-	43	-	-
	Germany	38	-	-	170	-	-
	Japan	69	-	-	157	-	-
	Sweden	7	-	-	7	-	-
Over 4 1/2" O.D. up to and including 16" O.D..	United States	40	-	2.1	113	-	6.3
Over 16" O.D. ....	United States	89	-	.1	866	-	.1
	United Kingdom	-	-	-	-	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	270	-	-	296	-	-
	United Kingdom	-	-	-	115	-	-
	Japan	173	-	-	388	-	-
Casing:							
J-55 and H-40 .....	United States	47	-	-	84	-	-
	United Kingdom	157	-	-	359	-	-
	Germany	111	-	-	111	-	-
	Japan	739	-	-	936	-	-
All other casing .....	United States	164	-	-	280	-	-
	United Kingdom	133	-	-	213	-	-
	Japan	148	-	-	148	-	-
Conduit .....	United States	13	-	-	39	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	-	-	.1	1	-	.1
	United Kingdom	785	-	-	1,826	-	-
	Germany	208	-	-	304	-	-
	Japan	98	-	-	370	-	-
For springs, cushions, etc. ....	United States	20	1	-	85	2	-
	United Kingdom	1	-	-	1	-	-
	Japan	-	-	-	44	-	-
For corset clasps, dress stays, etc. ....	United States	2	-	-	4	-	-
	United Kingdom	2	-	-	3	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	21	-	.9	36	-	3.4
	United Kingdom	2	-	-	7	-	-
	Germany	1	-	-	1	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	77	-	-	160	-	-
	Belgium	-	-	-	30	-	-
	France	60	-	-	60	-	-
Galvanized, n.e.s. ....	United States	21	-	-	44	-	-
	United Kingdom	115	-	-	228	-	-
	Austria	-	-	-	2	-	-
	Belgium	7	-	-	62	-	-
	France	-	-	-	28	-	-
	Germany	1	-	-	1	-	-
	Italy	-	-	-	9	-	-
	Japan	54	-	-	122	-	-
Wire, n.e.s. ....	United States	57	18	11.1	99	28	21.9
	United Kingdom	126	-	3.9	203	-	4.5
	Austria	-	-	-	35	-	-
	Belgium	8	-	-	14	-	-
	France	5	-	-	5	-	-
	Germany	-	-	-	1	-	-
	Japan	92	-	-	169	-	-
	Sweden	7	-	-	8	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
<u>Wire products - Concluded:</u>		net tons of 2,000 pounds					
Wire rope .....	United States	28	-	.8	31	-	1.6
	United Kingdom	84	-	-	170	-	-
	Belgium	-	-	-	6	-	-
	Denmark	-	-	-	5	-	-
	France	32	-	-	96	-	-
	Germany	50	-	-	114	-	-
	Japan	40	-	-	122	-	-
	Netherlands	30	-	-	49	-	-
	Norway	-	-	-	2	-	-
	Sweden	6	-	-	6	-	-
Welding rods (cut length) .	United States	92	68	29.6	296	118	56.4
	United Kingdom	-	-	-	89	-	-
	Australia	1	-	-	1	-	-
	Austria	-	-	1.0	-	-	1.0
	Sweden	2	-	-	8	-	.2
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	24	1	3.2	55	10	4.8
	United Kingdom	-	-	-	4	-	-
	Japan	50	-	-	50	-	-
Wire rods (all sizes) .....	United States	60	-	-	60	-	-
	United Kingdom	-	-	-	-	-	-
	Chile	-	-	-	97	-	-
	Germany	-	-	-	460	-	3.8
	Japan	-	-	-	218	-	-

Rails and railway material:

Rails:

60 lb. and under per lineal yard .....	United States	-	-	-	-	-	-
	Germany	8	-	-	42 <sup>r</sup>	-	-

Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	414	-	-	512	-	-
	United Kingdom	-	-	-	-	-	-

Over 100 lb. per lineal yard .....	United States	-	-	-	-	-	-
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<sup>r</sup> Revised - 34 tons shown as United States in January should have read Germany.

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	February, 1961			Two months ended February, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	99	-	-	226	-	-
	United Kingdom	-	-	-	-	-	-
Switch points, guard rails	United States	26	-	-	26	-	-
	United Kingdom	-	-	-	-	-	-
Other railway material:							
Axles .....	United States	-	-	-	18	-	-
Steel tires .....	United States	-	-	-	-	-	-
	United Kingdom	22	-	-	22	-	-
Steel wheels .....	United States	-	-	-	9	-	-
	United Kingdom	170	-	-	170	-	-
Total imports .....		39,827	2,341	686.4	88,595	4,716	1,767.6

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	February, 1961			Two months ended February, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	27,950	2,168	467.6	55,254 <sup>r</sup>	4,373	1,204.4
United Kingdom .....	6,434	24	180.4	19,075	64	431.1
Australia .....	1	-	-	1	-	-
Austria .....	-	23	2.3	37	26	3.3
Belgium (1) .....	423	-	-	1,352	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	-	-	-	5	-	-
France .....	175	2	-	365	2	20.1
Germany .....	1,676	14	-	2,843	16	3.8
Italy .....	-	-	-	9	-	-
Japan .....	3,064	-	22.2	9,386	-	22.2
Netherlands .....	31	-	-	51	-	-
Norway .....	-	-	-	2	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	73	110	13.9	110	235	82.7
Switzerland .....	-	-	-	8	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	39,827	2,341	686.4	88,595	4,716	1,767.6

(1) Includes Luxembourg

<sup>r</sup> Revised - January should have read 27,304 tons.



TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	February 1961	Two Months Ended February, 1961
		net tons of 2,000 pounds	
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	18.7	18.7
<u>Structural shapes:</u>			
Wide flange beams .....	United States	21.6	102.6
n.o.p. 3" to 6" .....	United States	8.0	27.9
n.o.p. over 6" .....	United States	108.0	132.2
<u>Plates:</u>			
60" and under in width .....	United States	54.8	118.5
Over 60" up to and including 100" in width .....	United States	35.5	49.4
	United Kingdom	-	11.3
Over 100" in width .....	United States	10.3	10.3
<u>Sheets and strip:</u>			
Hot rolled:			
24" to 51" in width .....	United States	14.8	34.2
Over 51" in width .....	United States	-	41.3
Cold rolled:			
24" to 51" in width .....	United States	.9	.9
Over 51" in width .....	United States	10.6	10.6
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	5.1	5.1
Total High-strength Low Alloy ....		288.3	563.0

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports of Selected Forms of Iron and Steel

February, 1961

Data unavailable in time for publication

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**PRIMARY IRON AND STEEL**  
**MARCH 1961**



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TABLE 1. Description of Iron Blast Furnaces(1) at end of March, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	12	3,898,900	79.5
Banked .....	-	-	-
Blown out .....	5	1,006,000	20.5
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	March, 1961	Three months ended March, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	102,455	245,156
From foreign mines .....	165,587	485,652
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	94,565	285,915
From foreign mines .....	134,864	285,319
From own processing .....	118,833	356,104
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	20,834	53,536
Scrap iron and steel .....	6,406	19,339
Limestone .....	75,602	195,880
Dolomite .....	25,524	62,598
Coke .....	272,776	729,984

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, March

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	361,812	3,828	334,466	2,404
Foundry (including silvery pig) (2) .....	19,576	9,594	31,142	9,265
Malleable .....	37,773	21,845	23,243	13,653
Total pig iron .....	419,161	35,267	388,851	25,322
Ferro-alloys .....	13,803	12,974	10,083	7,712
Stocks of pig iron on hand at end of month .....	278,891		359,343	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Three months ended March

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	1,016,601	13,541	920,803	7,323
Foundry (including silvery pig) (2) .....	63,997	25,858	84,205	23,505
Malleable .....	70,429	70,326	38,195	40,542
Total pig iron .....	1,151,027	109,725	1,043,203	71,370
Ferro-alloys .....	35,575	37,545	26,500	22,789

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950



TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	March		Three months ended March	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	355,033	339,521	1,004,430	922,849
Scrap - Own make .....	162,475	166,825	462,861	432,085
Purchased .....	139,741	125,718	443,617	306,175
Total pig iron and scrap .....	657,249	632,064	1,910,908	1,661,109

TABLE 7. Production and Shipments of Steel Ingots and Castings, March

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	521,639	18,705	503,691	165
Electric .....	64,283	9,582	51,608	7,991
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots . . . . .	585,922	28,287	555,299	8,156
Alloy steel ingots included in above .....	24,977	599	18,383	525
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	238	238	200	200
Electric .....	9,555	9,802	9,699	8,532
Other .....	-	-	-	-
Total steel castings .....	9,793	10,040	9,899	8,732
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	255	284	224	169
High alloy, manganese and abrasion resistant ...	2,102	1,959	1,488	1,596
All other alloys .....	398	278	442	423
Total alloy castings .....	2,755	2,521	2,154	2,188

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Three months ended March

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
net tons of 2,000 pounds				
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	1,508,628	55,699	1,332,959	778
Electric .....	184,166	26,616	137,454	21,746
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	1,692,794	82,315	1,470,413	22,524
Alloy steel ingots included in above .....	80,716	3,282	53,013	1,270
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	1,157	1,788	546	546
Electric .....	23,378	24,125	24,036	22,479
Other .....	-	-	-	-
Total steel castings .....	24,535	25,913	24,582	23,025
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	690	708	610	512
High alloy, manganese and abrasion resistant ...	5,463	5,138	3,934	3,804
All other alloys .....	1,017	887	1,266	1,163
Total alloy castings .....	7,170	6,733	5,810	5,479

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	March, 1961		Three months ended March, 1961	
	Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds				
Direct export - British Commonwealth .....	-	-	-	-
All other .....	-	402	2	510
Automotive industries .....	120	15	326	37
Agricultural, including implement and equipment manufacturers .....	114	6	358	6
Machinery and tools .....	1,224	394	3,396	836
Mining, lumbering and quarrying industries .....	759	805	1,590	2,601
Oil and gas, including refineries .....	123	28	252	96
National defence .....	10	11	19	40
Public works and public utilities .....	14	16	54	56
Railway operating .....	3,852	174	10,566	455
Railway cars and locomotives .....	161	2	605	3
Shipbuilding .....	41	41	89	57
Miscellaneous and unclassified .....	126	294	289	782
Total shipments .....	6,544	2,188	17,546	5,479

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....					
May .....					
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, March

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	21,621	14,956	18,086	17,079
Over 4 1/2" outside diameter (including all sizes of casing) .....	14,739	9,005	52,758	55,991
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,610	7,121	6,845	6,822
Totals .....	42,970	31,082	77,689	79,892
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	104	89	47	51
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	667	607	461	508
Totals .....	771	696	508	559

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, three months ended March

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	56,277	40,544	45,893	37,601
Over 4 1/2 " outside diameter (including all sizes of casing) .....	43,777	34,168	138,686	143,994
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	19,417	20,423	16,998	17,218
Totals .....	119,471	95,135	201,577	198,813
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	275	310	122	143
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	1,631	1,710	1,106	1,416
Totals .....	1,906	2,020	1,228	1,559

(1) Included with other.



TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, March, 1961.

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	12,353	10,500	10,500	-
For forging and piercing .....	12,383	11,463	-	11,463
Rails .....	24,440	30,228	-	30,228
Wire rods .....	27,211	29,254	154	29,100
Structural shapes:				
Heavy, including piling .....	12,996	12,713	-	12,713
Light .....	6,761	7,161	-	7,161
Concrete reinforcing bars .....	32,386	30,103	-	30,103
Other hot rolled bars .....	31,677	29,954	3,233	26,721
Tie plates and track material:				
Angle bars .....	1,535	1,582	-	1,582
Tie plates .....	7,468	9,511	-	9,511
Track spikes .....	1,400	1,480	-	1,480
Plates (including plates for pipes and tubes) .....	62,884	64,177	-	64,177
Hot rolled sheets and strip .....	207,083	205,592	151,703	53,889
Total hot rolled products ..	440,577	443,718	165,590	278,128
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,978	3,011	-	3,011
Cold reduced strip .....	4,555	4,186	-	4,186
Cold reduced sheets, tin mill black plate and tin plate ....	128,085	126,781	59,011	67,770
Galvanized sheets .....	28,056	25,115	-	25,115
Total cold rolled and coated .	163,674	159,093	59,011	100,082
Total carbon steel .....	604,251	602,811	224,601	378,210
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	677	677	-	677
Alloy plates .....	-	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	5,742	8,047	80	7,967
Structurals .....	-	-	-	-
Cold finished bars .....	565	531	-	531
Wire rods .....	15	16	-	16
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,780	2,877	-	2,877
Total alloy steel .....	9,779	12,148	80	12,068



TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Three months ended March, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	47,772	48,942	24,957	23,985
For forging and piercing .....	30,219	30,722	-	30,722
Rails .....	65,699	63,027	-	63,027
Wire rods .....	74,154	77,157	654	76,503
Structural shapes:				
Heavy, including piling .....	31,710	31,984	-	31,984
Light .....	15,397	15,680	-	15,680
Concrete reinforcing bars .....	85,090	78,979	-	78,979
Other hot rolled bars .....	90,097	84,015	7,829	76,186
Tie plates and track material:				
Angle bars .....	1,614	1,851	-	1,851
Tie plates .....	13,081	12,727	-	12,727
Track spikes .....	2,680	3,046	-	3,046
Plates (including plates for pipes and tubes) .....	185,310	183,166	-	183,166
Hot rolled sheets and strip ....	516,273	516,083	372,578	143,505
Total hot rolled products ..	1,159,096	1,147,379	406,018	741,361
<u>Cold rolled and coated:</u>				
Cold finished bars .....	8,536	8,685	-	8,685
Cold reduced strip .....	12,777	12,208	565	11,643
Cold reduced sheets, tin mill black plate and tin plate ....	346,741	349,774	157,343(1)	192,431
Galvanized sheets .....	73,448	67,984	-	67,984
Total cold rolled and coated .	441,502	438,651	157,908	280,743
Total carbon steel .....	1,600,598	1,586,030	563,926	1,022,104
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	46	46	46	-
For forging and piercing .....	1,951	1,951	-	1,951
Alloy plates .....	1	1	-	1
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	20,312	20,457	143	20,314
Structurals .....	-	-	-	-
Cold finished bars .....	1,650	1,669	-	1,669
Wire rods .....	521	523	-	523
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	7,055	7,423	-	7,423
Total alloy steel .....	31,536	32,070	189	31,881

(1) Two months ended February, 1961. Should have read 98,332 tons

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		March, 1961		Three months ended March, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	42,276	635	111,835	1,672
5	Direct export:				
	(a) British Commonwealth .....	4,407	591	36,624	1,934
	(b) All other .....	29,472	1,206	59,923	3,202
6	Automotive industries .....	15,838	4,686	48,288	12,935
7	Agricultural, including implement and equipment manufacturers .....	10,163	270	28,676	858
8	Building construction .....	63,731	79	156,163	186
9	Container industry .....	29,107	36	84,466	50
10	Machinery and tools .....	14,059	1,609	44,273	4,045
11	Merchant trade products .....	35,269	795	95,796	2,109
12	Mining, lumbering, etc. ....	4,790	1,537	14,810	3,621
13	National defence .....	259	46	810	139
14	Pressing, forming and stamping .....	19,149	422	52,199	891
15	Public works and utilities .....	2,828	-	9,128	-
16	Railway operating .....	31,452	28	69,812	62
17	Railway cars and locomotives .....	1,337	-	3,813	2
18	Shipbuilding .....	6,849	8	17,497	23
19	Pipes and tubes .....	66,661	120	186,143	152
20	Miscellaneous and unclassified .....	563	-	1,848	-
	Net shipments .....	378,210	12,068	1,022,104	31,881

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, March, 1961

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars	
				Heavy including piling	Light			
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	1	93	993	3,768	2,789	4,987	5,602
5	Direct export:							
	(a) British Commonwealth ....	-	-	650	-	-	2,000	719
	(b) All other .....	238	9,066	74	927	-	2,737	770
6	Automotive industries .	995	-	-	174	13	-	6,045
7	Agricultural, etc. ....	-	-	-	398	1,075	-	3,292
8	Building construction .	-	67	971	6,050	1,778	15,998	2,789
9	Container industry ....	-	-	12	-	-	-	3
10	Machinery and tools ...	1,053	14	202	263	141	325	3,149
11	Merchant trade .....	40	-	26,120	265	227	1,400	6,063
12	Mining, lumbering, etc.	154	497	69	267	1	204	3,936
13	National defence .....	-	-	-	5	-	-	53
14	Pressing, forming and stamping .....	60	-	7	28	1,007	-	749
15	Public works and utilities .....	-	-	-	304	-	2,374	103
16	Railway operating .....	-	20,491	18	61	52	65	530
17	Railway cars and locomotives .....	396	-	-	35	-	-	577
18	Shipbuilding .....	2	-	-	160	15	-	224
19	Pipes and tubes .....	9,201	-	-	-	1	-	-
20	Miscellaneous and unclassified .....	-	-	-	8	62	13	84
	Net shipments .....	12,140	30,228	29,116	12,713	7,161	30,103	34,688

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, March, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
4	5,947	6,060	878	228	6,865	4,696	42,911	4
								5
-	-	400	21	29	75	1,104	4,998	(a)
2,592	202	3,426	16	-	8,422	2,208	30,678	(b)
-	332	6,973	908	811	3,916	357	20,524	6
-	291	2,994	588	28	1,357	410	10,433	7
-	12,456	6,024	27	448	3,998	13,204	63,810	8
-	-	207	1	-	28,854	66	29,143	9
10	3,493	3,422	459	805	2,204	128	15,668	10
-	-	1,284	328	59	236	42	36,064	11
58	528	298	53	-	225	37	6,327	12
-	83	34	21	109	-	-	305	13
-	460	5,342	235	656	8,533	2,494	19,571	14
8	-	-	-	-	39	-	2,828	15
9,901	285	5	4	-	-	68	31,480	16
-	111	170	-	-	42	6	1,337	17
-	6,325	74	2	-	-	55	6,857	18
-	33,647	20,051	1	727	2,944	209	66,781	19
-	17	2	-	286	60	31	563	20
12,573	64,177	56,766	3,542	4,186	67,770	25,115	390,278	



TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Three months Ended March, 1961

March, 1961								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	20	248	2,453	10,022	5,442	16,414	12,516
5.	Direct export:							
	(a) British Commonwealth ....	23,999	-	1,382	-	-	6,166	1,958
	(b) All other .....	493	9,761	119	1,085	-	6,467	1,833
6	Automotive industries .	3,228	-	1	304	75	4	16,574
7	Agricultural, etc. ....	17	-	16	1,214	2,313	23	9,261
8	Building construction .	-	308	3,181	14,836	4,603	36,827	6,913
9	Container industry ....	-	-	48	-	-	53	13
10	Machinery and tools ...	2,594	97	647	791	274	916	11,699
11	Merchant trade .....	601	-	68,902	410	384	4,358	18,134
12	Mining, lumbering, etc.	557	1,947	181	1,270	24	526	10,524
13	National defence .....	-	-	-	109	39	15	221
14	Pressing, forming and stamping .....	108	-	30	199	2,241	-	2,250
15	Public works and utilities .....	-	-	1	465	-	6,832	255
16	Railway operating .....	21	50,658	65	188	101	314	2,188
17	Railway cars and locomotives .....	861	8	-	102	22	-	1,420
18	Shipbuilding .....	6	-	-	981	36	51	583
19	Pipes and tubes .....	24,153	-	-	-	10	-	-
20	Miscellaneous and unclassified .....	-	-	-	8	116	13	158
	Net shipments .....	56,658	63,027	77,026	31,984	15,680	78,979	96,500

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.



TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Three Months Ended March, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
21	16,489	16,221	2,475	704	18,969	11,513	113,507	4
								5
-	-	1,543	84	29	829	2,568	38,558	(a)
2,594	561	10,204	17	-	21,160	8,831	63,125	(b)
-	623	21,181	2,616	2,344	13,173	1,100	61,223	6
-	1,345	8,593	1,875	96	3,581	1,200	29,534	7
1	30,663	14,521	72	1,183	10,300	32,941	156,349	8
-	25	492	3	-	83,645	237	84,516	9
22	10,598	9,143	1,259	2,514	5,202	2,562	48,318	10
-	36	2,475	1,057	76	1,361	111	97,905	11
232	1,506	779	149	-	629	107	18,431	12
-	210	88	36	231	-	-	949	13
-	1,585	13,693	690	1,869	24,969	5,456	53,090	14
8	1,278	250	-	-	39	-	9,128	15
14,745	886	362	16	-	28	302	69,874	16
1	386	776	2	-	227	10	3,815	17
-	15,389	211	2	-	55	206	17,520	18
-	101,460	50,368	1	1,839	7,848	616	186,295	19
-	127	28	-	758	416	224	1,848	20
17,624	183,167	150,928	10,354	11,643	192,431	67,984	1,053,985	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	27	1.9	49	38	7.0
Billets, blooms, slabs and sheet bars .....	United States	42	16	17.9	42	41	63.9
	United Kingdom	40	-	-	40	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	712	319	8.2	2,176	852	38.4
	United Kingdom	19	17	21.9	226	54	51.9
	Austria	-	-	5.0	-	-	5.0
	Belgium	130	-	-	219	-	-
	France	-	-	-	32	-	-
	Germany	-	2	-	-	2	-
	Japan	190	-	-	498	-	-
	Sweden	2	-	.9	7	1	3.3
Hot rolled bars for agricultural implements ..	United States	305	8	-	608	80	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	69	-	-	181	2	.2
	United Kingdom	160	-	.7	196	-	2.1
Concrete reinforcing bars .	United States	14	-	-	96	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	804	-	-	804	-	-
	Germany	275	-	-	604	-	-
	Japan	276	-	-	1,002	-	-
Sash or casement sections .	United States	34	-	-	127	-	-
	United Kingdom	45	-	-	152	-	-
	Belgium	69	-	-	69	-	-
Cold rolled bars, n.e.s. ..	United States	130	53	22.6	275	102	47.1
	United Kingdom	120	-	3.6	477	-	31.7
	Austria	-	-	-	-	-	2.3
	Belgium	-	-	-	41	-	-
	Japan	-	-	-	24	-	-
	Sweden	1	4	-	2	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months Ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	41	-	-	205	6	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	172	86	-	611	222	-
	United Kingdom	11	9	-	49	31	-
	Austria	-	21	-	-	47	-
	France	-	-	-	-	-	-
	Germany	-	2	-	-	14	-
	Sweden	1	12	-	4	22	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	16,220	-	-	41,797	-	-
	United Kingdom	2,655	-	-	4,263	-	-
	Belgium	685	-	-	994	-	-
Sheet piling .....	United States	186	-	-	266	-	-
	United Kingdom	86	-	-	86	-	-
	Belgium	-	-	-	372	-	-
	France	-	-	-	52	-	-
	Germany	-	-	-	205	-	-
	Japan	177	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	648	-	1.9	1,598	-	5.2
	United Kingdom	16	-	-	139	-	-
	Belgium	358	-	-	497	-	-
	France	23	-	-	43	-	-
	Japan	64	-	-	398	-	-
	Structurals, n.e.s. over 6"	United States	1,887	-	-	4,005	-
United Kingdom		58	-	-	75	-	-
Belgium		213	-	-	272	-	-
France		53	-	-	53	-	-
Japan		220	-	-	220	-	-
Bar size structurals, n.e.s. ....		United States	216	-	7.8	440	-
	United Kingdom	6	-	1.1	11	-	2.3
	Belgium	415	-	-	596	-	-
	France	-	-	-	29	-	-
	Japan	92	-	-	189	-	-
	Sweden	-	-	-	-	-	5.1

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	71	-	-	224	-	-
<u>Plates:</u>							
60" and under in width ....	United States	250	112	39.8	899	343	123.7
	United Kingdom	68	-	17.6	712	-	43.0
	France	-	-	67.7	-	-	67.7
	Germany	33	-	-	137	-	-
	Japan	176	-	-	967	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	2.0	-	-	11.3
Over 60" up to and including 100" in width .	United States	578	204	9.5	1,172	675	115.3
	United Kingdom	842	-	-	1,098	-	-
	France	-	-	3.2	-	-	3.2
	Germany	31	-	-	786	-	-
	Japan	667	-	-	3,246	-	-
	Sweden	-	-	5.8	-	-	14.6
Over 100" in width .....	United States	415	30	-	1,187	30	-
	United Kingdom	50	-	-	122	-	-
Flanged or dished .....	United States	299	-	9.1	590	-	25.1
Floor plate .....	United States	434	1	-	1,084	1	.4
	United Kingdom	83	-	-	151	-	-
	Japan	-	-	-	304	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	799	11	-	1,396	18	-
	United Kingdom	-	-	-	60	-	-
	Belgium	50	-	-	100	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961		Three Months Ended March, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not in- cluding 24" in width .....	United States	81	18	356	42
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	178	69	617	73
	United Kingdom	-	-	10	-
	Japan	152	-	325	-
Over 51" in width .....	United States	793	241	1,651	241
	United Kingdom	-	-	-	-
	Japan	22	-	22	-
Cold rolled:					
Under 24" in width .....	United States	277	4	1,138	12
	United Kingdom	65	-	140	-
	Belgium	44	-	44	-
	Germany	56	-	138	-
	Japan	-	-	4	-
	Netherlands	-	-	1	-
	Sweden	42	-	88	2
24" to 51" in width .....	United States	341	-	826	-
	United Kingdom	-	-	84	-
Over 51" in width .....	United States	1,682	-	4,443	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	460	-	1,770	-
	United Kingdom	-	-	-	-
Aluminized .....	United States	120	-	302	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	915	-	2,326	-
	United Kingdom	67	-	124	-
	Germany	-	-	2	-
Asbestos bonded (includes galvanized & corrugated).	United States	36	-	176	-
	United Kingdom	39	-	59	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961		Three Months ended March, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	49	-	192	-
	United Kingdom	3	-	5	-
	Germany	2	-	23	-
Electro galvanized .....	United States	134	-	358	-
	United Kingdom	1	-	1	-
Galvanized n.e.s. ....	United States	177	-	412	-
	United Kingdom	-	-	8	-
	Belgium	41	-	41	-
	Japan	11	-	11	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,623	-	3,585
	United Kingdom	-	-	-	-
Electrical n.e.s. ....	United States	-	99	-	201
	United Kingdom	-	-	-	-
Saw steel .....	United States	8	118	65	249
	United Kingdom	-	1	-	2
	France	-	-	-	2
	Germany	-	-	-	-
	Sweden	-	9	1	33
Hot rolled wasters .....	United States	237	-	486	-
	United Kingdom	-	-	-	-
Cold rolled wasters .....	United States	185	-	418	-
	United Kingdom	-	-	-	-
Black plate .....	United States	4	-	5	-
Tin plate primes .....	United States	48	-	140	-
	United Kingdom	22	-	32	-
Tin plate electrolytic ....	United States	1	-	22	-
	United Kingdom	-	-	1,046	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate long .....	United States	340	-	1,425	-
	United Kingdom	-	-	-	-
Terne plate short .....	United States	20	-	59	-
Strip for hoop .....	United States	90	-	191	-
	United Kingdom	-	-	1	-
	Japan	-	-	1	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961	Three Months Ended March, 1961
		Stainless	Stainless
		net tons of 2,000 pounds	
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	-	4.2
	United Kingdom	1.3	4.1
Under 24" in width lighter than 18 gauge .	United States	1.1	1.3
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	5.3	19.0
	United Kingdom	69.3	183.0
	Sweden	29.2	78.1
24" up to and including 51" in width, lighter than 18 gauge .....	United States	2.9	12.8
	United Kingdom	18.9	36.8
Over 51" in width 18 gauge and heavier .....	United States	1.9	8.3
	United Kingdom	-	-
	Sweden	-	3.3
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	28.1	89.2
	United Kingdom	-	.1
Under 24" in width lighter than 18 gauge .	United States	91.2	345.6
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	100.1	413.4
	United Kingdom	126.0	304.3
	France	43.8	52.2
	Japan	-	22.2

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months Ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	-	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	4,505	-	-	5,712	-	-
	United Kingdom	-	-	-	230	-	-
	Japan	-	-	-	1,312	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	128	-	-	168	-	-
Cast .....	United States	43	-	-	100	-	-
	United Kingdom	1,199	-	-	3,106	-	-
	France	1	-	-	1	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	185	19	-	354	89	-
	United Kingdom	214	2	-	558	2	-
	Italy	-	2	-	-	2	-
Seamless cold drawn .....	United States	15	2	-	21	2	42.4
	United Kingdom	26	-	1.3	63	-	1.3
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three months ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	49	-	-	278	-	-
	United Kingdom	340	-	-	472	-	-
	Germany	-	-	-	4	-	-
	Switzerland	-	-	-	8	-	-
Seamless cold drawn, n.e.s.	United States	108	14	27.3	325	20	65.0
	United Kingdom	58	-	6.2	106	-	31.4
	France	-	-	.7	-	-	12.4
	Germany	-	-	-	5	-	-
	Sweden	-	-	.6	22	-	2.9
Mechanical tubing .....	United States	975	407	5.9	2,526	728	12.8
	United Kingdom	29	-	-	94	-	1.8
	Germany	-	2	-	-	6	-
	Sweden	-	49	-	-	247	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D. ....	United States	97	6	10.6	175	49	12.8
	United Kingdom	10	-	-	61	4	-
	Japan	-	-	-	9	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	5	1	-	11	2	-
	United Kingdom	-	-	-	91	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	54	-	-	268	-	-
	United Kingdom	-	-	-	7,528	-	-
	Germany	-	-	-	132	-	-
Over 16" O.D. ....	United States	83	-	-	193	-	-
	United Kingdom	-	-	-	-	-	-
Drill pipe .....	United States	660	-	-	1,554	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months Ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	305	-	5.7	795	-	25.5
	United Kingdom	16	-	1.2	147	-	1.9
	France	261	-	-	304	-	-
	Germany	355	-	-	525	-	-
	Japan	103	-	-	260	-	-
	Sweden	-	-	1.1	7	-	1.1
Over 4 1/2" O.D. up to and including 16" O.D..	United States	110	-	5.7	223	-	12.0
Over 16" O.D. ....	United States	50	-	-	916	-	.1
	United Kingdom	-	-	-	-	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	361	-	-	657	-	-
	United Kingdom	231	-	-	346	-	-
	Germany	456	-	-	456	-	-
	Japan	382	-	-	770	-	-
Casing:							
J-55 and H-40 .....	United States	32	-	-	116	-	-
	United Kingdom	174	-	-	533	-	-
	Germany	155	-	-	266	-	-
	Japan	41	-	-	977	-	-
All other casing .....	United States	104	-	-	384	-	-
	United Kingdom	-	-	-	213	-	-
	Japan	-	-	-	148	-	-
Conduit .....	United States	31	-	-	70	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
<u>Wire:</u>							
For wire rope .....	United States	12	-	-	13	-	.1
	United Kingdom	789	-	-	2,615	-	-
	Germany	219	-	-	523	-	-
	Japan	59	-	-	429	-	-
For springs, cushions, etc. ....	United States	3	-	-	88	2	-
	United Kingdom	26	-	-	27	-	-
	Japan	-	-	-	44	-	-
For corset clasps, dress stays, etc. ....	United States	7	-	-	11	-	-
	United Kingdom	4	-	-	7	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	25	-	2.6	61	-	6.0
	United Kingdom	7	-	-	14	-	-
	Germany	4	-	-	5	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	50	-	-	210	-	-
	Belgium	-	-	-	30	-	-
	France	90	-	-	150	-	-
Galvanized, n.e.s. ....	United States	66	-	-	110	-	-
	United Kingdom	42	-	-	270	-	-
	Austria	32	-	-	34	-	-
	Belgium	3	-	-	65	-	-
	France	32	-	-	60	-	-
	Germany	-	-	-	1	-	-
	Italy	-	-	-	9	-	-
	Japan	11	-	-	133	-	-
	Wire, n.e.s. ....	United States	113	10	7.9	212	38
United Kingdom		23	-	.3	226	-	4.8
Austria		6	-	-	41	-	-
Belgium		17	-	-	31	-	-
France		36	-	-	41	-	-
Germany		125	-	-	126	-	-
Japan		85	-	.1	254	-	.1
Netherlands		37	-	-	37	-	-
Sweden		-	-	-	8	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months Ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	24	-	2.9	55	-	4.5
	United Kingdom	203	-	-	373	-	-
	Belgium	11	-	-	17	-	-
	Denmark	4	-	-	9	-	-
	France	75	-	-	171	-	-
	Germany	88	-	-	202	-	-
	Japan	161	-	-	283	-	-
	Netherlands	68	-	-	117	-	-
	Norway	3	-	-	5	-	-
	Sweden	-	-	-	6	-	-
Welding rods (cut length) .	United States	85	78	25.3	381	196	81.7
	United Kingdom	4	-	-	93	-	-
	Australia	-	-	-	1	-	-
	Austria	-	-	2.2	-	-	3.2
	Sweden	-	-	1.0	8	-	1.2
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	65	6	1.2	120	16	6.0
	United Kingdom	-	-	-	4	-	-
	Belgium	2	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	105	-	2.0	165	-	2.0
	United Kingdom	11	-	-	11	-	-
	Chile	-	-	-	97	-	-
	Germany	671	-	-	1,131	-	3.8
	Japan	55	-	-	273	-	-
	Netherlands	221	-	-	221	-	-
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	-	-	-	-	-	-
	Germany	154	-	-	196	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	48	-	-	560	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....	United States	11	-	-	11	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	March, 1961			Three Months Ended March, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	129	-	-	355	-	-
	United Kingdom	-	-	-	-	-	-
	Germany	6	-	-	6	-	-
Switch points, guard rails	United States	4	-	-	30	-	-
	United Kingdom	-	-	-	-	-	-
Other railway material:							
Axles .....	United States	9	-	-	9	-	-
	United Kingdom	-	-	-	18	-	-
Steel tires .....	United States	7	-	-	7	-	-
	United Kingdom	-	-	-	22	-	-
Steel wheels .....	United States	2	-	-	11	-	-
	United Kingdom	211	-	-	381	-	-
Total imports .....		55,840	3,714	879.1	144,435	8,430	2,646.7

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	March, 1961			Three Months Ended March, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	38,313	3,582	446.4	93,567	7,955	1,650.8
United Kingdom .....	8,123	29	269.4	27,198	93	700.5
Australia .....	-	-	-	1	-	-
Austria .....	38	21	7.2	75	47	10.5
Belgium (1) .....	2,842	-	-	4,194	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	4	-	-	9	-	-
France .....	571	-	115.4	936	2	135.5
Germany .....	2,630	6	-	5,473	22	3.8
Italy .....	-	2	-	9	2	-
Japan .....	2,944	-	.1	12,330	-	22.3
Netherlands .....	326	-	-	377	-	-
Norway .....	3	-	-	5	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	46	74	40.6	156	309	123.3
Switzerland .....	-	-	-	8	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	55,840	3,714	879.1	144,435	8,430	2,646.7

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	March 1961	Three Months Ended March, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	.1	18.8
<u>Structural shapes:</u>			
Wide flange beams .....	United States	243.4	346.0
n.o.p. 3" to 6" .....	United States	.9	28.8
n.o.p. over 6" .....	United States	21.1	153.3
bar size, n.e.s. ....	United States	.4	.4
<u>Plates:</u>			
60" and under in width .....	United States	41.7	160.2
Over 60" up to and including 100" in width .....	United States	1.7	51.1
	United Kingdom	-	11.3
Over 100" in width .....	United States	17.2	27.5
<u>Sheets and strip:</u>			
Hot rolled:			
24" to 51" in width .....	United States	4.7	38.9
Over 51" in width .....	United States	24.6	65.9
Cold rolled:			
24" to 51" in width .....	United States	22.3	23.2
Over 51" in width .....	United States	6.9	17.5
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	5.1
Total High-strength Low Alloy .....		385.0	948.0

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports of Selected Forms of Iron and Steel

	January, 1961
	Net tons of 2,000 pounds
Pig iron .....	-
Sprong iron .....	306
Steel ingots .....	416
Blooms, billets, slab steel .....	703
Iron castings, n.e.s. ....	444
Steel castings .....	138
Forgings, n.e.s. ....	408
Bars steel, hot rolled .....	3,312
Wire rods steel, hot rolled .....	729
Bars steel, cold rolled .....	227
Plate steel .....	240
Sheets and strip, carbon steel hot rolled ....	8,107
Sheets and strip steel, n.e.s. ....	12,090
Structural shapes .....	1,040
Rails .....	2,629
Cast iron pipe .....	-
Pipes and tubes iron and steel, n.e.s. ....	1,477
Total .....	32,266

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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TABLE 1. Description of Iron Blast Furnaces(1) at end of April, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	11	3,926,400	80.0
Banked .....	-	-	-
Blown out .....	6	978,500	20.0
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	April, 1961	Four months ended April, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	80,159	325,315
From foreign mines .....	188,992	674,644
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	106,391	392,306
From foreign mines .....	184,639	469,958
From own processing .....	141,643	497,747
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	22,577	76,113
Scrap iron and steel .....	7,622	26,961
Limestone .....	77,084	272,964
Dolomite .....	26,248	83,846
Coke .....	277,845	1,007,829

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, April

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	334,396	3,529	360,386	11,830
Foundry (including silvery pig) (2) .....	20,866	22,659	31,565	9,708
Malleable .....	39,856	17,832	20,071	12,482
Total pig iron .....	395,118	44,020	412,022	34,020
Ferro-alloys .....	13,552	11,738	8,638	11,185
Stocks of pig iron on hand at end of month .....	303,987		399,781	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Four months ended April

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	1,350,997	17,070	1,281,189	19,153
Foundry (including silvery pig) (2) .....	84,863	48,517	115,770	33,213
Malleable .....	110,285	88,158	58,266	53,024
Total pig iron .....	1,546,145	153,745	1,455,225	105,390
Ferro-alloys .....	49,127	49,283	35,138	33,974

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	April		Four months ended April	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	322,636	332,226	1,327,066	1,255,075
Scrap - Own make .....	142,959	158,711	605,820	590,796
Purchased .....	99,846	128,066	543,463	434,241
Total pig iron and scrap .....	565,441	619,003	2,476,349	2,280,112

TABLE 7. Production and Shipments of Steel Ingots and Castings, April

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	450,053	7,548	492,075	253
Electric .....	55,320	6,417	53,333	8,086
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots . . . . .	505,373	13,965	545,408	8,339
Alloy steel ingots included in above .....	19,796	400	18,158	344
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	184	-	264	208
Electric .....	10,761	9,267	8,474	7,894
Other .....	-	-	22	12
Total steel castings .....	10,945	9,267	8,760	8,114
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	230	233	198	224
High alloy, manganese and abrasion resistant ...	1,590	1,630	1,308	1,309
All other alloys .....	277	256	359	332
Total alloy castings .....	2,097	2,119	1,865	1,865

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.



TABLE 8. Production and Shipments of Steel Ingots and Castings, Four months ended April

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	1,958,681	63,247	1,825,034	1,031
Electric .....	239,486	33,033	190,787	29,832
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	2,198,167	96,280	2,015,821	30,863
Alloy steel ingots included in above .....	100,512	3,682	71,171	1,614
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	1,341	1,788	810	754
Electric .....	34,139	33,392	32,510	30,373
Other .....	-	-	22	12
Total steel castings .....	35,480	35,180	33,342	31,139
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant .....	920	941	808	736
High alloy, manganese and abrasion resistant ...	7,053	6,768	5,242	5,113
All other alloys .....	1,294	1,143	1,625	1,495
Total alloy castings .....	9,267	8,852	7,675	7,344

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	April, 1961		Four months ended April, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	3	68	5	578
Automotive industries .....	142	13	468	50
Agricultural, including implement and equipment manufacturers .....	99	-	457	6
Machinery and tools .....	1,316	364	4,712	1,200
Mining, lumbering and quarrying industries .....	741	849	2,331	3,450
Oil and gas, including refineries .....	85	33	337	129
National defence .....	6	13	25	53
Public works and public utilities .....	7	23	61	79
Railway operating .....	3,616	182	14,182	637
Railway cars and locomotives .....	64	17	669	20
Shipbuilding .....	42	8	131	65
Miscellaneous and unclassified .....	128	295	417	1,077
Total shipments .....	6,249	1,865	23,795	7,344

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....					
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					



TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, April

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	12,602	14,656	8,063	14,070
Over 4 1/2" outside diameter (including all sizes of casing) .....	15,959	8,912	44,857	35,969
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,034	4,877	5,801	5,113
Totals .....	33,595	28,445	58,721	55,152
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	98	90	67	90
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	478	506	399	403
Totals .....	576	596	466	493

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Four months ended April

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	68,879	55,200	53,956	51,671
Over 4 1/2 " outside diameter (including all sizes of casing) .....	59,736	43,080	183,543	179,963
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	24,451	25,300	22,799	22,331
Totals .....	153,066	123,580	260,298	253,965
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	373	400	189	233
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	2,109	2,216	1,505	1,819
Totals .....	2,482	2,616	1,694	2,052

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, April, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	6,844	4,498	4,498	-
For forging and piercing .....	14,227	11,855	-	11,855
Rails .....	25,404	25,341	-	25,341
Wire rods .....	31,555	30,312	229	30,083
Structural shapes:				
Heavy, including piling .....	13,139	12,106	-	12,106
Light .....	4,057	4,935	-	4,935
Concrete reinforcing bars .....	36,149	31,256	-	31,256
Other hot rolled bars .....	23,910	26,815	2,284	24,531
Tie plates and track material:				
Angle bars .....	1,877	1,897	-	1,897
Tie plates .....	7,920	6,572	-	6,572
Track spikes .....	1,161	1,143	-	1,143
Plates (including plates for pipes and tubes) .....	70,108	61,571	1,573	59,998
Hot rolled sheets and strip ....	182,169	178,910	131,145	47,765
Total hot rolled products ..	418,520	397,211	139,729	257,482
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,650	2,754	-	2,754
Cold reduced strip .....	4,085	3,870	-	3,870
Cold reduced sheets, tin mill black plate and tin plate ....	130,071	128,816	57,904	70,912
Galvanized sheets .....	28,138	27,232	-	27,232
Total cold rolled and coated .	164,944	162,672	57,904	104,768
Total carbon steel .....	583,464	559,883	197,633	362,250
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	354	423	-	423
Alloy plates .....	-	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	5,270	5,115	103	5,012
Structurals .....	-	-	-	-
Cold finished bars .....	447	490	-	490
Wire rods .....	178	176	-	176
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	1,969	2,015	-	2,015
Total alloy steel .....	8,218	8,219	103	8,116

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Four months ended April, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	54,616	53,440	29,455	23,985
For forging and piercing .....	44,446	42,577	-	42,577
Rails .....	91,103	88,368	-	88,368
Wire rods .....	105,709	107,469	883	106,586
Structural shapes:				
Heavy, including piling .....	44,849	44,090	-	44,090
Light .....	19,454	20,615	-	20,615
Concrete reinforcing bars .....	121,239	110,235	-	110,235
Other hot rolled bars .....	114,007	110,830	10,113	100,717
Tie plates and track material:				
Angle bars .....	3,491	3,748	-	3,748
Tie plates .....	21,001	19,299	-	19,299
Track spikes .....	3,841	4,189	-	4,189
Plates (including plates for pipes and tubes) .....	255,418	244,737	1,573	243,164
Hot rolled sheets and strip ....	698,442	694,993	503,723	191,270
Total hot rolled products ..	1,577,616	1,544,590	545,747	998,843
<u>Cold rolled and coated:</u>				
Cold finished bars .....	11,186	11,439	-	11,439
Cold reduced strip .....	16,862	16,078	565	15,513
Cold reduced sheets, tin mill black plate and tin plate ....	476,812	478,590	215,247	263,343
Galvanized sheets .....	101,586	95,216	-	95,216
Total cold rolled and coated .	606,446	601,323	215,812	385,511
Total carbon steel .....	2,184,062	2,145,913	761,559	1,384,354
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	46	46	46	-
For forging and piercing .....	2,305	2,374	-	2,374
Alloy plates .....	1	1	-	1
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	25,582	25,572	246	25,326
Structurals .....	-	-	-	-
Cold finished bars .....	2,097	2,159	-	2,159
Wire rods .....	699	699	-	699
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	9,024	9,438	-	9,438
Total alloy steel .....	39,754	40,289	292	39,997

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.	April, 1961		Four months ended April, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
4 Wholesalers and warehouses .....	41,878	332	153,713	2,004
5 Direct export:				
(a) British Commonwealth .....	7,245	628	43,869	2,562
(b) All other .....	11,278	808	71,201	4,010
6 Automotive industries .....	14,631	2,836	62,919	15,771
7 Agricultural, including implement and equipment manufacturers .....	7,135	133	35,811	991
8 Building construction .....	65,326	90	221,489	276
9 Container industry .....	32,081	58	116,547	108
10 Machinery and tools .....	15,403	1,351	59,676	5,396
11 Merchant trade products .....	37,684	568	133,480	2,677
12 Mining, lumbering, etc. ....	5,218	978	20,028	4,599
13 National defence .....	64	35	874	174
14 Pressing, forming and stamping .....	18,369	244	70,568	1,135
15 Public works and utilities .....	2,028	-	11,156	-
16 Railway operating .....	35,143	15	104,955	77
17 Railway cars and locomotives .....	1,750	5	5,563	7
18 Shipbuilding .....	6,855	6	24,352	29
19 Pipes and tubes .....	59,622	29	245,765	181
20 Miscellaneous and unclassified .....	540	-	2,388	-
Net shipments .....	362,250	8,116	1,384,354	39,997

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, April, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	-	103	1,088	3,593	1,733	6,567	3,510
5	Direct export:							
	(a) British Commonwealth ....	-	-	377	-	-	1,354	649
	(b) All other .....	203	579	15	-	-	300	643
6	Automotive industries .	1,569	-	-	95	72	1,241	4,222
7	Agricultural, etc. ....	24	-	63	377	265	-	1,919
8	Building construction .	-	38	740	6,292	1,673	18,223	1,567
9	Container industry ....	-	-	-	-	-	134	2
10	Machinery and tools ...	833	34	235	246	122	123	4,418
11	Merchant trade .....	19	-	27,608	182	273	1,845	7,086
12	Mining, lumbering, etc.	225	296	127	65	66	384	3,194
13	National defence .....	-	-	-	-	-	-	18
14	Pressing, forming and stamping .....	24	-	4	35	646	-	558
15	Public works and utilities .....	-	-	2	709	-	1,064	133
16	Railway operating .....	1	24,291	-	11	52	21	791
17	Railway cars and locomotives .....	583	-	-	68	-	-	582
18	Shipbuilding .....	-	-	-	433	33	-	70
19	Pipes and tubes .....	8,797	-	-	-	-	-	94
20	Miscellaneous and unclassified .....	-	-	-	-	-	-	87
	Net shipments .....	12,278	25,341	30,259	12,106	4,935	31,256	29,543

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, April, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
28	5,996	5,984	928	229	7,556	4,895	42,210	4
								5
-	61	1,982	5	-	2,693	752	7,873	(a)
616	1,275	3,202	3	-	2,023	3,227	12,086	(b)
-	312	4,574	668	741	3,726	247	17,467	6
-	347	1,959	657	17	1,154	486	7,268	7
1	9,517	6,113	23	370	5,801	15,058	65,416	8
-	-	327	1	-	31,583	92	32,139	9
-	4,078	2,971	396	756	2,315	227	16,754	10
-	30	465	272	79	361	32	38,252	11
167	787	344	80	-	398	63	6,196	12
-	45	20	7	9	-	-	99	13
-	875	4,517	189	722	9,360	1,683	18,613	14
-	-	120	-	-	-	-	2,028	15
8,800	640	402	2	-	17	130	35,158	16
-	146	136	-	-	210	30	1,755	17
-	6,055	183	1	-	26	60	6,861	18
-	29,798	16,481	-	696	3,589	196	59,651	19
-	36	-	12	251	100	54	540	20
9,612	59,998	49,780	3,244	3,870	70,912	27,232	370,366	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Four months ended April, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
4	Wholesalers and warehouses .....	20	351	3,541	13,615	7,175	22,981	16,026
5.	Direct export:							
	(a) British Commonwealth ....	23,999	-	1,759	-	-	7,520	2,607
	(b) All other .....	696	10,340	134	1,085	-	6,767	2,476
6	Automotive industries .	4,797	-	1	399	147	1,245	20,796
7	Agricultural, etc. ....	41	-	79	1,591	2,578	23	11,180
8	Building construction .	-	346	3,921	21,128	6,276	55,050	8,480
9	Container industry ....	-	-	48	-	-	187	15
10	Machinery and tools ...	3,427	131	882	1,037	396	1,039	16,117
11	Merchant trade .....	620	-	96,510	592	657	6,203	25,220
12	Mining, lumbering, etc.	782	2,243	308	1,335	90	910	13,718
13	National defence .....	-	-	-	109	39	15	239
14	Pressing, forming and stamping .....	132	-	34	234	2,887	-	2,808
15	Public works and utilities .....	-	-	3	1,174	-	7,896	388
16	Railway operating .....	22	74,949	65	199	153	335	2,979
17	Railway cars and locomotives .....	1,444	8	-	170	22	-	2,002
18	Shipbuilding .....	6	-	-	1,414	69	51	653
19	Pipes and tubes .....	32,950	-	-	-	10	-	94
20	Miscellaneous and unclassified .....	-	-	-	8	116	13	245
	Net shipments .....	68,936	88,368	107,285	44,090	20,615	110,235	126,043

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Four months ended April, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
49	22,485	22,205	3,403	933	26,525	16,408	155,717	4
								5
-	61	3,525	89	29	3,522	3,320	46,431	(a)
3,210	1,836	13,406	20	-	23,183	12,058	75,211	(b)
-	935	25,755	3,284	3,085	16,899	1,347	78,690	6
-	1,692	10,552	2,532	113	4,735	1,686	36,802	7
2	40,180	20,634	95	1,553	16,101	47,999	221,765	8
-	25	819	4	-	115,228	329	116,655	9
22	14,676	12,114	1,655	3,270	7,517	2,789	65,072	10
-	66	2,940	1,329	155	1,722	143	136,157	11
399	2,293	1,123	229	-	1,027	170	24,627	12
-	255	108	43	240	-	-	1,048	13
-	2,460	18,210	879	2,591	34,329	7,139	71,703	14
8	1,278	370	-	-	39	-	11,156	15
23,545	1,526	764	18	-	45	432	105,032	16
1	532	912	2	-	437	40	5,570	17
-	21,444	394	3	-	81	266	24,381	18
-	131,258	66,849	1	2,535	11,437	812	245,946	19
-	163	28	12	1,009	516	278	2,388	20
27,236	243,165	200,708	13,598	15,513	263,343	95,216	1,424,351	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
<hr/>							
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	3	43	8.3	52	81	15.3
Billets, blooms, slabs and sheet bars .....	United States	70	35	89.1	112	76	153.0
	United Kingdom	-	-	-	40	-	-
<hr/>							
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	1,043	462	5.0	3,219	1,314	43.4
	United Kingdom	359	8	20.3	585	62	72.2
	Austria	-	1	-	-	1	5.0
	Belgium	618	-	-	837	-	-
	France	95	-	-	127	-	-
	Germany	513	-	-	513	2	-
	Hong Kong	25	-	-	25	-	-
	Japan	27	-	-	525	-	-
	Sweden	-	-	1.8	7	1	5.1
Hot rolled bars for agricultural implements ..	United States	165	3	-	773	83	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	97	13	-	278	15	.2
	United Kingdom	11	-	-	207	-	2.1
Concrete reinforcing bars .	United States	-	-	-	96	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	3,155	-	-	3,959	-	-
	France	181	-	-	181	-	-
	Germany	-	-	-	604	-	-
	Japan	247	-	-	1,249	-	-
Sash or casement sections .	United States	145	-	-	272	-	-
	United Kingdom	-	-	-	152	-	-
	Belgium	6	-	-	75	-	-
Cold rolled bars, n.e.s. ..	United States	105	18	17.6	380	120	64.7
	United Kingdom	193	-	4.6	670	-	36.3
	Austria	-	-	-	-	-	2.3
	Belgium	71	-	-	112	-	-
	Germany	-	3	-	-	3	-
	Japan	-	-	-	24	-	-
	Sweden	2	-	-	4	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	20	-	-	225	6	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	113	81	-	724	303	-
	United Kingdom	26	9	-	75	40	-
	Austria	12	30	-	12	77	-
	France	-	-	-	-	-	-
	Germany	-	6	-	-	20	-
	Sweden	-	2	-	4	24	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	9,587	-	-	51,384	-	-
	United Kingdom	1,322	-	-	5,585	-	-
	Belgium	778	-	-	1,772	-	-
Sheet piling .....	United States	10	-	-	276	-	-
	United Kingdom	-	-	-	86	-	-
	Belgium	-	-	-	372	-	-
	France	-	-	-	52	-	-
	Germany	159	-	-	364	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	458	-	2.6	2,056	-	7.8
	United Kingdom	7	-	-	146	-	-
	Belgium	965	-	-	1,462	-	-
	France	320	-	-	363	-	-
	Japan	39	-	-	437	-	-
Structurals, n.e.s. over 6"	United States	1,423	-	-	5,428	-	-
	United Kingdom	255	-	-	330	-	-
	Belgium	727	-	-	999	-	-
	France	420	-	-	473	-	-
	Japan	-	-	-	220	-	-
Bar size structurals, n.e.s. ....	United States	123	-	4.9	563	-	34.9
	United Kingdom	17	-	-	28	-	2.3
	Belgium	540	-	-	1,136	-	-
	France	631	-	-	660	-	-
	Japan	31	-	-	220	-	-
	Sweden	-	-	-	-	-	5.1



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	174	-	-	398	-	-
<u>Plates:</u>							
60" and under in width ....	United States	346	72	42.8	1,245	415	166.5
	United Kingdom	462	-	25.6	1,174	-	68.6
	France	-	-	-	-	-	67.7
	Germany	190	-	-	327	-	-
	Japan	221	-	-	1,188	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	12.8	-	-	24.1
Over 60" up to and including 100" in width .	United States	176	181	4.6	1,348	856	119.9
	United Kingdom	2,065	-	1.1	3,163	-	1.1
	France	-	-	19.7	-	-	22.9
	Germany	1,082	-	-	1,868	-	-
	Japan	492	-	-	3,738	-	-
	Sweden	-	-	-	-	-	14.6
Over 100" in width .....	United States	957	23	-	2,144	53	-
	United Kingdom	94	-	-	216	-	-
	Japan	27	-	-	27	-	-
Flanged or dished .....	United States	355	-	.8	945	-	25.9
Floor plate .....	United States	224	-	-	1,308	1	.4
	United Kingdom	437	-	-	588	-	-
	Belgium	8	-	-	8	-	-
	Japan	8	-	-	312	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	288	9	-	1,684	27	-
	United Kingdom	62	-	-	122	-	-
	Belgium	133	-	-	233	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961		Four months ended April, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not in- cluding 24" in width .....	United States	17	6	373	48
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	195	16	812	89
	United Kingdom	-	1	10	1
	Japan	41	-	366	-
Over 51" in width .....	United States	843	-	2,494	241
	United Kingdom	-	-	-	-
	Japan	79	-	101	-
Cold rolled:					
Under 24" in width .....	United States	288	2	1,426	14
	United Kingdom	11	-	151	-
	Belgium	-	-	44	-
	Germany	61	-	199	-
	Japan	-	-	4	-
	Netherlands	2	-	3	-
	Sweden	162	-	250	2
24" to 51" in width .....	United States	171	-	997	-
	United Kingdom	-	-	84	-
Over 51" in width .....	United States	692	-	5,135	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	1,006	-	2,776	-
	United Kingdom	-	-	-	-
Aluminized .....	United States	61	-	363	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	676	-	3,002	-
	United Kingdom	-	-	124	-
	Germany	-	-	2	-
Asbestos bonded (includes galvanized & corrugated).	United States	24	-	200	-
	United Kingdom	12	-	71	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961		Four months ended April, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	424	-	616	-
	United Kingdom	-	-	5	-
	Germany	9	-	32	-
Electro galvanized .....	United States	153	-	511	-
	United Kingdom	3	-	4	-
Galvanized n.e.s. ....	United States	140	-	552	-
	United Kingdom	-	-	8	-
	Belgium	-	-	41	-
	Japan	-	-	11	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,189	-	4,774
	United Kingdom	-	-	-	-
Electrical n.e.s. ....	United States	-	105	-	306
	United Kingdom	-	-	-	-
Saw steel .....	United States	38	85	103	334
	United Kingdom	-	-	-	2
	France	-	-	-	2
	Germany	-	-	-	-
	Sweden	-	38	1	71
Hot rolled wasters .....	United States	136	-	622	-
	United Kingdom	-	-	-	-
Cold rolled wasters .....	United States	205	-	623	-
	United Kingdom	-	-	-	-
Black plate .....	United States	-	-	5	-
Tin plate primes .....	United States	46	-	186	-
	United Kingdom	3	-	35	-
Tin plate electrolytic ....	United States	22	-	44	-
	United Kingdom	732	-	1,778	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate long .....	United States	585	-	2,010	-
	United Kingdom	-	-	-	-
Terne plate short .....	United States	6	-	65	-
Strip for hoop .....	United States	44	-	235	-
	United Kingdom	-	-	1	-
	Japan	109	-	110	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961	Four months ended April, 1961
		Stainless	Stainless
net tons of 2,000 pounds			
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	.6	4.8
	United Kingdom	.5	4.6
Under 24" in width lighter than 18 gauge .	United States	-	1.3
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	8.1	27.1
	United Kingdom	58.1	241.1
	Sweden	7.9	86.0
24" up to and including 51" in width, lighter than 18 gauge .....	United States	-	12.8
	United Kingdom	3.0	39.8
Over 51" in width 18 gauge and heavier .....	United States	1.8	10.1
	United Kingdom	-	-
	Sweden	11.6	14.9
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	38.6	127.8
	United Kingdom	.2	.3
Under 24" in width lighter than 18 gauge .	United States	64.5	410.1
	United Kingdom	.1	.1
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	120.3	533.7
	United Kingdom	100.0	404.3
	France	14.6	66.8
	Japan	31.9	54.1

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	2	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	10,973	-	-	16,685	-	-
	United Kingdom	1,713	-	-	1,943	-	-
	Japan	1,654	-	-	2,966	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	190	-	-	358	-	-
Cast .....	United States	20	-	-	120	-	-
	United Kingdom	752	-	-	3,858	-	-
	France	22	-	-	23	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	171	12	.8	525	101	.8
	United Kingdom	112	-	-	670	2	-
	Italy	-	-	-	-	2	-
Seamless cold drawn .....	United States	9	-	14.6	30	2	57.0
	United Kingdom	-	-	-	63	-	1.3
	Sweden	-	-	-	-	-	2.3



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	41	-	-	319	-	-
	United Kingdom	124	-	-	596	-	-
	Germany	-	-	-	4	-	-
	Switzerland	21	-	-	29	-	-
Seamless cold drawn, n.e.s.	United States	93	7	14.8	418	27	79.8
	United Kingdom	-	-	2.6	106	-	34.0
	France	-	-	-	-	-	12.4
	Germany	2	-	-	7	-	-
	Sweden	-	-	3.7	22	-	6.6
Mechanical tubing .....	United States	788	145	3.8	3,314	873	16.6
	United Kingdom	25	-	-	119	-	1.8
	Germany	-	9	-	-	15	-
	Sweden	-	96	-	-	343	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D., .....	United States	114	2	3.9	289	51	16.7
	United Kingdom	1	-	-	62	4	-
	Japan	75	-	-	84	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	34	-	.1	45	2	.1
	United Kingdom	-	-	-	91	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	212	1	.2	480	1	.2
	United Kingdom	-	-	-	7,528	-	-
	Germany	-	-	-	132	-	-
Over 16" O.D. ....	United States	112	-	-	305	-	-
	United Kingdom	-	-	-	-	-	-
Drill pipe .....	United States	210	-	-	1,764	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	230	-	18.7	1,025	-	44.2
	United Kingdom	122	-	1.4	269	-	3.3
	Belgium	200	-	-	200	-	-
	France	626	-	-	930	-	-
	Germany	720	-	-	1,245	-	-
	Japan	227	-	-	487	-	-
	Netherlands	4	-	-	4	-	-
	Sweden	1	-	.5	8	-	1.6
Over 4 1/2" O.D. up to and including 16" O.D..	United States	41	-	.9	264	-	12.9
	Germany	77	-	-	77	-	-
Over 16" O.D. ....	United States	159	-	-	1,075	-	.1
	United Kingdom	-	-	-	-	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	181	-	-	838	-	-
	United Kingdom	115	-	-	461	-	-
	Germany	-	-	-	456	-	-
	Japan	155	-	-	925	-	-
Casing:							
J-55 and H-40 .....	United States	93	-	-	209	-	-
	United Kingdom	98	-	-	631	-	-
	Germany	-	-	-	266	-	-
	Japan	18	-	-	995	-	-
All other casing .....	United States	-	-	-	384	-	-
	United Kingdom	-	-	-	213	-	-
	Japan	-	-	-	148	-	-
Conduit .....	United States	31	-	-	101	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	1	-	-	14	-	.1
	United Kingdom	277	-	-	2,892	-	-
	Germany	401	-	-	924	-	-
	Japan	221	-	-	650	-	-
For springs, cushions, etc. ....	United States	-	-	-	88	2	-
	United Kingdom	1	-	-	28	-	-
	Japan	-	-	-	44	-	-
For corset clasps, dress stays, etc. ....	United States	2	-	-	13	-	-
	United Kingdom	3	-	-	10	-	-
Coated (tin, copper, plastic, paper, paint etc.) ....	United States	32	-	2.8	93	-	8.8
	United Kingdom	9	-	-	23	-	-
	Austria	6	-	-	6	-	-
	Germany	-	-	-	5	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	210	-	-
	Belgium	-	-	-	30	-	-
	France	30	-	-	180	-	-
	Germany	30	-	-	30	-	-
Galvanized, n.e.s. ....	United States	-	-	-	110	-	-
	United Kingdom	132	-	-	402	-	-
	Austria	-	-	-	34	-	-
	Belgium	-	-	-	65	-	-
	France	78	-	-	138	-	-
	Germany	2	-	-	3	-	-
	Italy	-	-	-	9	-	-
	Japan	60	-	-	193	-	-
Wire, n.e.s. ....	United States	66	6	7.8	278	44	37.6
	United Kingdom	66	-	7.2	292	-	12.0
	Austria	-	-	-	41	-	-
	Belgium	97	-	-	128	-	-
	France	165	-	-	206	-	-
	Germany	18	-	-	144	-	-
	Japan	292	-	-	546	-	.1
	Netherlands	-	-	-	37	-	-
	Sweden	33	-	-	41	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	9	-	1.3	64	-	5.8
	United Kingdom	194	-	-	567	-	-
	Belgium	7	-	-	24	-	-
	Denmark	3	-	-	12	-	-
	France	48	-	-	219	-	-
	Germany	53	-	-	255	-	-
	Japan	77	-	-	360	-	-
	Netherlands	100	-	-	217	-	-
	Norway	2	-	-	7	-	-
	Sweden	-	-	-	6	-	-
Welding rods (cut length) .	United States	60	78	26.1	441	274	107.8
	United Kingdom	57	-	-	150	-	-
	Australia	-	-	-	1	-	-
	Austria	-	-	-	-	-	3.2
	Japan	1	-	-	1	-	-
	Sweden	-	-	3.9	8	-	5.1
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....							
	United States	30	21	5.4	150	37	11.4
	United Kingdom	-	-	-	4	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	2.0	165	-	4.0
	United Kingdom	-	-	-	11	-	-
	Belgium	3	-	-	3	-	-
	Chile	-	-	-	97	-	-
	Germany	-	-	-	1,131	-	3.8
	Japan	269	-	-	542	-	-
	Netherlands	-	-	-	221	-	-

Rails and railway material:

Rails:

60 lb. and under per lineal yard .....							
	United States	-	-	-	-	-	-
	Germany	33	-	-	229	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....							
	United States	7	-	-	567	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....							
	United States	-	-	-	11	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	April, 1961			Four months ended April, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	27	-	-	382	-	-
	United Kingdom	-	-	-	-	-	-
	Germany	-	-	-	6	-	-
Switch points, guard rails	United States	2	-	-	32	-	-
	United Kingdom	-	-	-	-	-	-
Other railway material:							
Axles .....	United States	-	-	-	9	-	-
	United Kingdom	-	-	-	18	-	-
Steel tires .....	United States	30	-	-	37	-	-
	United Kingdom	6	-	-	28	-	-
Steel wheels .....	United States	22	-	-	33	-	-
	United Kingdom	7	-	-	388	-	-
Total imports .....		63,548	2,818	845.9	207,983	11,248	3,492.6

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	April, 1961			Four months ended April, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	35,646	2,615	512.8	129,213	10,570	2,163.6
United Kingdom .....	9,885	18	224.7	37,083	111	925.2
Australia .....	-	-	-	1	-	-
Austria .....	18	31	-	93	78	10.5
Belgium (1) .....	7,308	-	-	11,502	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	3	-	-	12	-	-
France .....	2,616	-	34.3	3,552	2	169.8
Germany .....	3,350	18	-	8,823	40	3.8
Hong Kong .....	25	-	-	25	-	-
Italy .....	-	-	-	9	2	-
Japan .....	4,370	-	31.9	16,700	-	54.2
Netherlands .....	106	-	-	483	-	-
Norway .....	2	-	-	7	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	198	136	42.2	354	445	165.5
Switzerland .....	21	-	-	29	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	63,548	2,818	845.9	207,983	11,248	3,492.6

(1) Includes Luxembourg



TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	April 1961	Four months ended April, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	.4	19.2
<u>Structural shapes:</u>			
Wide flange beams .....	United States	175.0	521.0
n.o.p. 3" to 6" .....	United States	10.6	39.4
n.o.p. over 6" .....	United States	10.5	163.8
bar size, n.e.s. ....	United States	-	.4
<u>Plates:</u>			
60" and under in width .....	United States	24.7	184.9
Over 60" up to and including 100" in width .....	United States	2.5	53.6
	United Kingdom	-	11.3
Over 100" in width .....	United States	164.3	191.8
<u>Sheets and strip:</u>			
Hot rolled:			
24" to 51" in width .....	United States	13.1	52.0
Over 51" in width .....	United States	29.5	95.4
Cold rolled:			
24" to 51" in width .....	United States	-	23.2
Over 51" in width .....	United States	2.8	20.3
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	5.1
Total High-strength Low Alloy .....		433.4	1,381.4

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports of Selected Forms of Iron and Steel

	February, 1961	Two months ended February, 1961
	Net tons of 2,000 pounds	
Pig iron .....	60	60
Spronge iron .....	142	448
Steel ingots .....	65	481
Blooms, billets, slab steel .....	49,624	50,327
Iron castings, n.e.s. ....	671	1,115
Steel castings .....	87	225
Forgings, n.e.s. ....	386	794
Bars steel, hot rolled .....	2,295	5,607
Wire rods steel, hot rolled .....	391	1,120
Bars steel, cold rolled .....	204	431
Plate steel .....	662	902
Sheets and strip, carbon steel hot rolled ....	1,567	9,674
Sheets and strip steel, n.e.s. ....	11,894	23,984
Structural shapes .....	97	1,137
Rails .....	2,142	4,771
Cast iron pipe .....	-	-
Pipes and tubes iron and steel, n.e.s. ....	2,021	3,498
Total .....	72,308	104,574

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









CATALOGUE No.

**41-001**

MONTHLY



CANADA

# PRIMARY IRON AND STEEL

## MAY 1961



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TABLE 1. Description of Iron Blast Furnaces(1) at end of May, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	13	4,103,100	83.7
Banked .....	-	-	-
Blown out .....	4	801,800	16.3
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	May, 1961	Five months ended May, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	84,298	409,613
From foreign mines .....	138,846	813,490
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	133,247	525,553
From foreign mines .....	197,058	667,016
From own processing .....	109,657	607,404
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	22,173	98,286
Scrap iron and steel .....	5,513	32,474
Limestone .....	77,248	350,212
Dolomite .....	28,168	117,014
Coke .....	277,733	1,285,562

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, May

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	339,427	10,471	379,267	45,326
Foundry (including silvery pig) (2) .....	24,389	10,349	29,853	34,872
Malleable .....	29,270	30,299	10,626	19,112
Total pig iron .....	393,086	51,119	419,746	99,310
Ferro-alloys .....	13,582	10,645	9,605	10,036
Stocks of pig iron on hand at end of month .....	331,555		371,829	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Five months ended May

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	1,690,424	27,541	1,660,456	64,479
Foundry (including silvery pig) (2) .....	109,252	58,866	145,623	68,085
Malleable .....	139,555	118,457	68,892	72,136
Total pig iron .....	1,939,231	204,864	1,874,971	204,700
Ferro-alloys .....	62,709	59,928	44,743	44,010

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth .....		4,477,000
Electric .....		1,021,400
Oxygen .....		1,770,000
Total ingots .....		7,268,400
Steel castings .....		575,550
Total ingots and castings .....		7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	May		Five months ended May	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	311,311	345,015	1,638,377	1,600,090
Scrap - Own make .....	128,773	152,716	734,593	743,512
Purchased .....	104,109	125,245	647,572	559,486
Total pig iron and scrap .....	544,193	622,976	3,020,542	2,903,088

TABLE 7. Production and Shipments of Steel Ingots and Castings, May

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	430,670	5,354	492,074	289
Electric .....	57,853	7,281	60,732	8,020
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots . . . . .	488,523	12,635	552,806	8,309
Alloy steel ingots included in above .....	16,992	400	25,284	297
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	142	142	263	161
Electric .....	9,743	10,111	8,957	8,648
Other .....	-	-	41	26
Total steel castings .....	9,885	10,253	9,261	8,835
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	186	232	239	170
High alloy, manganese and abrasion resistant ...	1,558	1,560	1,249	1,343
All other alloys .....	145	308	445	475
Total alloy castings .....	1,889	2,100	1,933	1,988

(1) Includes amounts for sale and for own use.  
 (2) Included with "Basic open hearth".  
Note: High alloy castings include all castings with an alloy content of 8% and over.



TABLE 8. Production and Shipments of Steel Ingots and Castings, Five months ended May

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	2,389,351	68,601	2,317,108	1,320
Electric .....	297,339	40,314	251,519	37,852
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	2,686,690	108,915	2,568,627	39,172
Alloy steel ingots included in above .....	117,504	4,082	96,455	1,911
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	1,483	1,930	1,073	915
Electric .....	43,882	43,503	41,467	39,021
Other .....	-	-	63	38
Total steel castings .....	45,365	45,433	42,603	39,974
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	1,106	1,173	1,047	906
High alloy, manganese and abrasion resistant ...	8,611	8,328	6,491	6,456
All other alloys .....	1,439	1,451	2,070	1,970
Total alloy castings .....	11,156	10,952	9,608	9,332

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	May, 1961		Five months ended May, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	1	105	6	683
Automotive industries .....	159	16	627	66
Agricultural, including implement and equipment manufacturers .....	64	-	521	6
Machinery and tools .....	1,088	295	5,800	1,495
Mining, lumbering and quarrying industries .....	678	870	3,009	4,320
Oil and gas, including refineries .....	64	62	401	191
National defence .....	6	11	31	64
Public works and public utilities .....	8	23	69	102
Railway operating .....	4,115	263	18,297	900
Railway cars and locomotives .....	491	5	1,160	25
Shipbuilding .....	36	9	167	74
Miscellaneous and unclassified .....	137	329	554	1,406
Total shipments .....	6,847	1,988	30,642	9,332

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, May

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	18,619	16,190	19,152	16,193
Over 4 1/2" outside diameter (including all sizes of casing) .....	20,275	15,499	24,431	24,558
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,098	5,775	6,755	6,358
Totals .....	44,992	37,464	50,338	47,109
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	114	94	71	112
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	424	487	456	461
Totals .....	538	581	527	573

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Five months ended May

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	87,498	71,390	73,108	67,864
Over 4 1/2 " outside diameter (including all sizes of casing) .....	80,011	58,579	207,974	204,521
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	30,549	31,075	29,554	28,689
Totals .....	198,058	161,044	310,636	301,074
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	487	494	260	345
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	2,533	2,703	1,961	2,280
Totals .....	3,020	3,197	2,221	2,625

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, May, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	29,429	33,165	3,515	29,650
For forging and piercing .....	12,711	15,498	-	15,498
Rails .....	25,153	22,255	-	22,255
Wire rods .....	33,352	33,193	284	32,909
Structural shapes:				
Heavy, including piling .....	20,164	18,100	-	18,100
Light .....	7,848	7,155	-	7,155
Concrete reinforcing bars .....	33,633	36,093	-	36,093
Other hot rolled bars .....	32,716	31,125	2,602	28,523
Tie plates and track material:				
Angle bars .....	2,018	1,941	-	1,941
Tie plates .....	8,757	8,842	-	8,842
Track spikes .....	1,073	1,246	-	1,246
Plates (including plates for pipes and tubes) .....	62,977	64,646	-	64,646
Hot rolled sheets and strip ....	182,235	179,293	124,658	54,635
Total hot rolled products ..	452,066	452,552	131,059	321,493
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,790	2,825	-	2,825
Cold reduced strip .....	3,743	3,935	-	3,935
Cold reduced sheets, tin mill black plate and tin plate ....	137,264	143,952	67,293	76,659
Galvanized sheets .....	35,996	34,316	-	34,316
Total cold rolled and coated ..	179,793	185,028	67,293	117,735
Total carbon steel .....	631,859	637,580	198,352	439,228
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	7	-	-	-
For forging and piercing .....	1,808	1,738	-	1,738
Alloy plates .....	4	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	5,577	5,681	145	5,536
Structurals .....	-	-	-	-
Cold finished bars .....	540	498	-	498
Wire rods .....	84	76	-	76
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	1,730	1,756	-	1,756
Total alloy steel .....	9,750	9,749	145	9,604



TABLE 14 . Production and Disposition of Shipments of Rolled Steel Products, Five months ended May, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	84,045	86,605	32,970	53,635
For forging and piercing .....	57,157	58,075	-	58,075
Rails .....	116,256	110,623	-	110,623
Wire rods .....	139,061	140,662	1,167	139,495
Structural shapes:				
Heavy, including piling .....	65,013	62,190	-	62,190
Light .....	27,302	27,770	-	27,770
Concrete reinforcing bars .....	154,872	146,328	-	146,328
Other hot rolled bars .....	146,723	141,955	12,715	129,240
Tie plates and track material:				
Angle bars .....	5,509	5,689	-	5,689
Tie plates .....	29,758	28,141	-	28,141
Track spikes .....	4,914	5,435	-	5,435
Plates (including plates for pipes and tubes) .....	318,395	309,383	1,573	307,810
Hot rolled sheets and strip ....	880,677	874,286	628,381	245,905
Total hot rolled products ..	2,029,682	1,997,142	676,806	1,320,336
<u>Cold rolled and coated:</u>				
Cold finished bars .....	13,976	14,264	-	14,264
Cold reduced strip .....	20,605	20,013	565	19,448
Cold reduced sheets, tin mill black plate and tin plate ....	614,076	622,542	282,540	340,002
Galvanized sheets .....	137,582	129,532	-	129,532
Total cold rolled and coated .	786,239	786,351	283,105	503,246
Total carbon steel .....	2,815,921	2,783,493	959,911	1,823,582
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	4,113	4,112	-	4,112
Alloy plates .....	5	1	-	1
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	31,159	31,253	391	30,862
Structurals .....	-	-	-	-
Cold finished bars .....	2,637	2,657	-	2,657
Wire rods .....	783	775	-	775
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	10,754	11,194	-	11,194
Total alloy steel .....	49,504	50,038	437	49,601



TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		May, 1961		Five months ended May, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	49,122	489	202,835	2,493
5	Direct export:				
	(a) British Commonwealth .....	5,402	1,499	49,271	4,061
	(b) All other .....	66,366	1,139	137,537	5,149
6	Automotive industries .....	15,504	2,968	78,423	18,739
7	Agricultural, including implement and equipment manufacturers .....	7,889	232	43,700	1,223
8	Building construction .....	79,751	83	301,240	359
9	Container industry .....	34,301	22	150,848	130
10	Machinery and tools .....	17,853	1,061	77,529	6,457
11	Merchant trade products .....	39,520	552	173,000	3,229
12	Mining, lumbering, etc. ....	4,906	1,311	24,934	5,910
13	National defence .....	141	40	1,015	214
14	Pressing, forming and stamping .....	20,655	180	91,223	1,315
15	Public works and utilities .....	2,608	-	13,764	-
16	Railway operating .....	23,102	14	128,057	91
17	Railway cars and locomotives .....	11,900	-	17,463	7
18	Shipbuilding .....	4,273	13	28,625	42
19	Pipes and tubes .....	55,372	1	301,137	182
20	Miscellaneous and unclassified .....	593	-	2,981	-
	Net shipments .....	439,228	9,604	1,823,582	49,601

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, May, 1961

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars	
				Heavy including piling	Light			
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....		971	4,640	3,006	6,496	5,248	
5. Direct export:								
	(a) British Commonwealth ....	1,420	-	409	-	1,855	272	
	(b) All other .....	29,723	8,482	46	-	1,164	600	
6	Automotive industries .	3,070	-	6	143	137	-	4,196
7	Agricultural, etc. ....	6	-	30	492	399	-	3,641
8	Building construction .	62	17	1,368	8,176	2,337	22,334	2,986
9	Container industry ....	-	-	7	-	-	-	3
10	Machinery and tools ...	491	140	385	354	153	202	3,806
11	Merchant trade .....	32	-	29,672	117	138	2,713	6,066
12	Mining, lumbering, etc.	117	473	67	202	69	-	3,734
13	National defence .....	-	-	-	2	-	20	27
14	Pressing, forming and stamping .....	2	-	24	67	564	-	743
15	Public works and utilities .....	-	2	-	1,132	-	1,293	31
16	Railway operating .....	10	13,141	-	109	25	-	494
17	Railway cars and locomotives .....	1,762	-	-	2,476	181	-	1,325
18	Shipbuilding .....	-	-	-	190	146	-	800
19	Pipes and tubes .....	10,191	-	-	-	-	-	11
20	Miscellaneous and unclassified .....	-	-	-	-	-	16	76
	Net shipments .....	46,886	22,255	32,985	18,100	7,155	36,093	34,059

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, May, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1	7,798	6,744	981	193	7,767	5,766	49,611	4
								5
-	1,227	211	35	-	488	984	6,901	(a)
2,736	1,926	7,616	13	-	9,503	5,666	67,475	(b)
-	506	4,962	769	681	3,463	539	18,472	6
-	488	1,444	376	20	558	667	8,121	7
98	15,503	5,145	22	276	4,978	16,532	79,834	8
-	24	182	1	-	33,918	188	34,323	9
61	6,484	3,551	428	744	1,943	172	18,914	10
-	12	635	360	7	274	46	40,072	11
133	742	381	64	-	200	35	6,217	12
-	26	40	10	56	-	-	181	13
-	342	5,301	259	900	10,267	2,366	20,835	14
-	16	-	-	51	83	-	2,608	15
8,999	292	1	4	-	10	31	23,116	16
1	3,027	2,101	-	-	11	1,016	11,900	17
-	2,982	152	1	-	-	15	4,286	18
-	23,251	17,925	-	711	3,068	216	55,373	19
-	-	-	-	296	128	77	593	20
12,029	64,646	56,391	3,323	3,935	76,659	34,316	448,832	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Five months ended May, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	20	351	4,512	18,255	10,181	29,477	21,274
5.	Direct export:							
	(a) British Commonwealth ....	25,419	-	2,168	-	-	9,375	2,879
	(b) All other .....	30,419	18,822	180	1,085	-	7,931	3,076
6	Automotive industries .	7,867	-	7	542	284	1,245	24,992
7	Agricultural, etc. ....	47	-	109	2,083	2,977	23	14,821
8	Building construction .	62	363	5,289	29,304	8,613	77,384	11,466
9	Container industry ....	-	-	55	-	-	187	18
10	Machinery and tools ...	3,918	271	1,267	1,391	549	1,241	19,923
11	Merchant trade .....	652	-	126,182	709	795	8,916	31,286
12	Mining, lumbering, etc.	899	2,716	375	1,537	159	910	17,452
13	National defence .....	-	-	-	111	39	35	266
14	Pressing, forming and stamping .....	134	-	58	301	3,451	-	3,551
15	Public works and utilities .....	-	2	3	2,306	-	9,189	419
16	Railway operating .....	32	88,090	65	308	178	335	3,473
17	Railway cars and locomotives .....	3,206	8	-	2,646	203	-	3,327
18	Shipbuilding .....	6	-	-	1,604	215	51	1,453
19	Pipes and tubes .....	43,141	-	-	-	10	-	105
20	Miscellaneous and unclassified .....	-	-	-	8	116	29	321
	Net shipments .....	115,822	110,623	140,270	62,190	27,770	146,328	160,102

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Five months ended May, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
50	30,283	28,949	4,384	1,126	34,292	22,174	205,328	4
								5
-	1,288	3,736	124	29	4,010	4,304	53,332	(a)
5,946	3,762	21,022	33	-	32,686	17,724	142,686	(b)
-	1,441	30,717	4,053	3,766	20,362	1,886	97,162	6
-	2,180	11,996	2,908	133	5,293	2,353	44,923	7
100	55,683	25,779	117	1,829	21,079	64,531	301,599	8
-	49	1,001	5	-	149,146	517	150,978	9
83	21,160	15,665	2,083	4,014	9,460	2,961	83,986	10
-	78	3,575	1,689	162	1,996	189	176,229	11
532	3,035	1,504	293	-	1,227	205	30,844	12
-	281	148	53	296	-	-	1,229	13
-	2,802	23,511	1,138	3,491	44,596	9,505	92,538	14
8	1,294	370	-	51	122	-	13,764	15
32,544	1,818	765	22	-	55	463	128,148	16
2	3,559	3,013	2	-	448	1,056	17,470	17
-	24,426	546	4	-	81	281	28,667	18
-	154,509	84,774	1	3,246	14,505	1,028	301,319	19
-	163	28	12	1,305	644	355	2,981	20
39,265	307,811	257,099	16,921	19,448	340,002	129,532	1,873,183	



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	116	-	-
	United Kingdom	56	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	207	1	1.4	259	82	16.7
Billets, blooms, slabs and sheet bars .....	United States	55	16	46.4	167	92	199.4
	United Kingdom	161	-	-	201	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	1,600	256	10.9	4,819	1,570	54.3
	United Kingdom	245	51	24.4	830	113	96.6
	Austria	-	1	-	-	2	5.0
	Belgium	1,038	-	-	1,875	-	-
	France	20	-	-	147	-	-
	Germany	811	-	-	1,324	2	-
	Hong Kong	-	-	-	25	-	-
	Japan	19	-	-	544	-	-
	Sweden	-	-	17.1	7	1	22.2
Hot rolled bars for agricultural implements ..	United States	154	1	-	927	84	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	35	5	1.1	313	20	1.3
	United Kingdom	30	-	-	237	-	2.1
Concrete reinforcing bars .	United States	20	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	3,070	-	-	7,029	-	-
	France	819	-	-	1,000	-	-
	Germany	1,399	-	-	2,003	-	-
	Japan	273	-	-	1,522	-	-
Sash or casement sections .	United States	94	-	-	366	-	-
	United Kingdom	43	-	-	195	-	-
	Belgium	86	-	-	161	-	-
Cold rolled bars, n.e.s. ..	United States	62	30	11.0	442	150	75.7
	United Kingdom	812	-	7.6	1,482	-	43.9
	Austria	-	-	-	-	-	2.3
	Belgium	24	-	-	136	-	-
	Germany	-	-	-	-	3	-
	Japan	-	-	-	24	-	-
	Sweden	3	-	-	7	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	-	-	-	225	6	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	285	55	-	1,009	358	-
	United Kingdom	5	27	-	80	67	-
	Austria	-	40	-	12	117	-
	France	-	4	-	-	4	-
	Germany	-	12	-	-	32	-
	Sweden	3	91	-	7	115	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	11,274	-	-	62,658	-	-
	United Kingdom	3,880	-	-	9,465	-	-
	Belgium	1,570	-	-	3,342	-	-
Sheet piling .....	United States	167	-	-	443	-	-
	United Kingdom	51	-	-	137	-	-
	Belgium	527	-	-	899	-	-
	France	-	-	-	52	-	-
	Germany	98	-	-	462	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	886	-	-	2,942	-	7.8
	United Kingdom	31	-	.9	177	-	.9
	Belgium	839	-	-	2,301	-	-
	France	1,286	-	-	1,649	-	-
	Germany	27	-	-	27	-	-
	Japan	-	-	-	437	-	-
	Norway	25	-	-	25	-	-
Structurals, n.e.s. over 6"	United States	1,071	-	-	6,499	-	-
	United Kingdom	904	-	-	1,234	-	-
	Belgium	306	-	-	1,305	-	-
	France	461	-	-	934	-	-
	Germany	145	-	-	145	-	-
	Japan	-	-	-	220	-	-
Bar size structurals, n.e.s. ....	United States	144	-	3.6	707	-	38.5
	United Kingdom	117	-	2.1	145	-	4.4
	Belgium	1,458	-	-	2,594	-	-
	France	144	-	-	804	-	-
	Germany	810	-	-	810	-	-
	Japan	-	-	-	220	-	-
	Sweden	-	-	24.8	-	-	29.9

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	84	-	-	482	-	-
<u>Plates:</u>							
60" and under in width ....	United States	246	90	25.8	1,491	505	192.3
	United Kingdom	243	-	24.1	1,417	-	92.7
	Belgium	106	-	-	106	-	-
	France	-	-	2.2	-	-	69.9
	Germany	621	-	-	948	-	-
	Japan	707	-	-	1,895	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	-	-	-	24.1
Over 60" up to and including 100" in width .	United States	565	183	27.3	1,913	1,039	147.2
	United Kingdom	1,865	-	-	5,028	-	1.1
	France	-	-	-	-	-	22.9
	Germany	1,352	-	-	3,220	-	-
	Japan	507	-	-	4,245	-	-
	Sweden	-	-	-	-	-	14.6
Over 100" in width .....	United States	206	8	.5	2,350	61	.5
	United Kingdom	289	-	-	505	-	-
	Japan	26	-	-	53	-	-
Flanged or dished .....	United States	247	-	3.1	1,192	-	29.0
Floor plate .....	United States	555	-	-	1,863	1	.4
	United Kingdom	85	-	-	673	-	-
	Belgium	-	-	-	8	-	-
	Germany	60	-	-	60	-	-
	Japan	62	-	-	374	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	257	-	-	1,941	27	-
	United Kingdom	54	-	-	176	-	-
	Belgium	147	-	-	380	-	-
	France	87	-	-	87	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961		Five months ended May, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not in- cluding 24" in width .....	United States	14	1	387	49
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	170	1	982	90
	United Kingdom	1	-	11	1
	Belgium	34	-	34	-
	Germany	13	-	13	-
	Japan	132	-	498	-
Over 51" in width .....	United States	799	-	3,293	241
	United Kingdom	-	-	-	-
	Japan	-	-	101	-
Cold rolled:					
Under 24" in width .....	United States	238	11	1,664	25
	United Kingdom	22	-	173	-
	Belgium	10	-	54	-
	Germany	50	-	249	-
	Japan	-	-	4	-
	Netherlands	-	-	3	-
	Sweden	46	-	296	2
24" to 51" in width .....	United States	149	1	1,146	1
	United Kingdom	101	-	185	-
Over 51" in width .....	United States	437	-	5,572	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	968	-	3,744	-
	United Kingdom	14	-	14	-
Aluminized .....	United States	95	-	458	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	882	-	3,884	-
	United Kingdom	-	-	124	-
	Germany	1	-	3	-
Asbestos bonded (includes galvanized & corrugated).	United States	28	-	228	-
	United Kingdom	-	-	71	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961		Five months ended May, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	44	-	660	-
	United Kingdom	-	-	5	-
	Germany	13	-	45	-
Electro galvanized .....	United States	395	-	906	-
	United Kingdom	-	-	4	-
Galvanized n.e.s. ....	United States	252	-	804	-
	United Kingdom	19	-	27	-
	Belgium	47	-	88	-
	Japan	56	-	67	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,374	-	6,148
	United Kingdom	-	-	-	-
Electrical n.e.s. ....	United States	-	53	-	359
	United Kingdom	-	-	-	-
Saw steel .....	United States	6	43	109	377
	United Kingdom	-	3	-	5
	France	-	1	-	3
	Germany	-	-	-	-
	Sweden	-	12	1	83
Hot rolled wasters .....	United States	147	-	769	-
	United Kingdom	-	-	-	-
Cold rolled wasters .....	United States	429	-	1,052	-
	United Kingdom	-	-	-	-
Black plate .....	United States	3	-	8	-
Tin plate primes .....	United States	106	-	292	-
	United Kingdom	12	-	47	-
Tin plate electrolytic ....	United States	15	-	59	-
	United Kingdom	72	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate long .....	United States	429	-	2,439	-
	United Kingdom	-	-	-	-
Terne plate short .....	United States	-	-	65	-
Strip for hoop .....	United States	63	-	298	-
	United Kingdom	45	-	46	-
	Japan	-	-	110	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961	Five months ended May, 1961
		Stainless	Stainless
		net tons of 2,000 pounds	
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	1.2	6.0
	United Kingdom	1.1	5.7
Under 24" in width lighter than 18 gauge .	United States	8.2	9.5
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	16.7	43.8
	United Kingdom	42.5	283.6
	France	-	-
	Japan	2.5	2.5
	Sweden	35.2	121.2
24" up to and including 51" in width, lighter than 18 gauge .....	United States	.9	13.7
	United Kingdom	16.2	56.0
Over 51" in width 18 gauge and heavier .....	United States	.6	10.7
	United Kingdom	-	-
	Sweden	-	14.9
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	43.2	171.0
	United Kingdom	-	.3
Under 24" in width lighter than 18 gauge .	United States	81.1	491.2
	United Kingdom	-	.1
	Japan	4.8	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	116.5	650.2
	United Kingdom	163.8	568.1
	France	-	66.8
	Japan	101.5	155.6

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	618	-	-	618	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Japan	-	-	-	2,966	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	241	-	-	599	-	-
Cast .....	United States	122	-	-	242	-	-
	United Kingdom	1,049	-	-	4,907	-	-
	France	65	-	-	88	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	119	10	1.2	644	111	2.0
	United Kingdom	98	4	-	768	6	-
	Italy	-	-	-	-	2	-
Seamless cold drawn .....	United States	3	2	-	33	4	57.0
	United Kingdom	30	-	-	93	-	1.3
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	54	-	-	373	-	-
	United Kingdom	314	-	-	910	-	-
	Germany	-	-	-	4	-	-
	Switzerland	109	-	-	138	-	-
Seamless cold drawn, n.e.s.	United States	104	9	10.0	522	36	89.8
	United Kingdom	150	5	16.8	256	5	50.8
	France	-	-	20.3	-	-	32.7
	Germany	6	-	-	13	-	-
	Italy	12	-	-	12	-	-
	Sweden	3	-	7.7	25	-	14.3
Mechanical tubing .....	United States	704	497	7.5	4,018	1,370	24.1
	United Kingdom	44	77	-	163	77	1.8
	Germany	50	8	-	50	23	-
	Sweden	-	40	-	-	383	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D. ....	United States	129	8	4.9	418	59	21.6
	United Kingdom	593	1	-	655	5	-
	Japan	-	-	-	84	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	9	-	-	54	2	.1
	United Kingdom	1,063	-	-	1,154	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	114	-	-	594	1	.2
	United Kingdom	2,817	-	-	10,345	-	-
	Germany	29	-	-	161	-	-
Over 16" O.D. ....	United States	157	-	-	462	-	-
	United Kingdom	3,289	-	-	3,289	-	-
Drill pipe .....	United States	220	-	-	1,984	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	64	-	10.3	1,089	-	54.5
	United Kingdom	696	-	2.0	965	-	5.3
	Belgium	-	-	-	200	-	-
	France	844	-	-	1,774	-	-
	Germany	584	-	-	1,829	-	-
	Japan	107	-	-	594	-	-
	Netherlands	7	-	-	11	-	-
	Sweden	4	-	.2	12	-	1.8
Over 4 1/2" O.D. up to and including 16" O.D.	United States	109	2	49.0	373	2	61.9
	Germany	30	-	-	107	-	-
Over 16" O.D. ....	United States	7	5	7.8	1,082	5	7.9
	United Kingdom	-	-	-	-	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	373	-	-	1,211	-	-
	United Kingdom	-	-	-	461	-	-
	Germany	-	-	-	456	-	-
	Japan	326	-	-	1,251	-	-
Casing:							
J-55 and H-40 ....	United States	60	-	-	269	-	-
	United Kingdom	682	-	-	1,313	-	-
	Germany	-	-	-	266	-	-
	Italy	156	-	-	156	-	-
	Japan	255	-	-	1,250	-	-
All other casing ....	United States	313	-	-	697	-	-
	United Kingdom	316	-	-	529	-	-
	Japan	-	-	-	148	-	-
Conduit .....	United States	38	-	-	139	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	22	-	-	36	-	.1
	United Kingdom	1,204	-	-	4,096	-	-
	Germany	295	-	-	1,219	-	-
	Japan	10	-	-	660	-	-
For springs, cushions, etc. ....	United States	1	-	-	89	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	121	-	-	165	-	-
For corset clasps, dress stays, etc. ....	United States	1	-	-	14	-	-
	United Kingdom	4	-	-	14	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	43	-	1.9	136	-	10.7
	United Kingdom	18	-	-	41	-	-
	Austria	6	-	-	12	-	-
	Germany	2	-	-	7	-	-
	Japan	3	-	-	3	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	139	-	-	349	-	-
	Belgium	-	-	-	30	-	-
	France	25	-	-	205	-	-
	Germany	30	-	-	60	-	-
Galvanized, n.e.s. ....	United States	31	-	-	141	-	-
	United Kingdom	229	-	-	631	-	-
	Austria	87	-	-	121	-	-
	Belgium	44	-	-	109	-	-
	France	10	-	-	148	-	-
	Germany	-	-	-	3	-	-
	Italy	-	-	-	9	-	-
	Japan	235	-	-	428	-	-
Wire, n.e.s. ....	United States	138	6	4.9	416	50	42.5
	United Kingdom	121	-	1.8	413	-	13.8
	Austria	308	-	-	349	-	-
	Belgium	45	-	-	173	-	-
	France	25	-	-	231	-	-
	Germany	266	-	-	410	-	-
	Japan	174	-	1.0	720	-	1.1
	Netherlands	-	-	-	37	-	-
	Sweden	2	-	9.0	43	-	9.0



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	30	-	3.2	94	-	9.0
	United Kingdom	329	-	-	896	-	-
	Belgium	34	-	-	58	-	-
	Denmark	5	-	-	17	-	-
	France	20	-	-	239	-	-
	Germany	29	-	-	284	-	-
	Japan	118	-	-	478	-	-
	Netherlands	38	-	-	255	-	-
	Norway	27	-	-	34	-	-
	Sweden	-	-	-	6	-	-
Welding rods (cut length) .	United States	93	90	30.2	534	364	138.0
	United Kingdom	37	-	-	187	-	-
	Australia	-	-	-	1	-	-
	Austria	-	-	.8	-	-	4.0
	Japan	-	-	-	1	-	-
	Sweden	-	-	-	8	-	5.1
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	41	12	1.8	191	49	13.2
	United Kingdom	-	-	-	4	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	1	-	1.3	166	-	5.3
	United Kingdom	194	-	-	205	-	-
	Belgium	334	-	-	337	-	-
	Chile	-	-	-	97	-	-
	France	1,216	-	-	1,216	-	-
	Germany	102	-	-	1,233	-	3.8
	Japan	154	-	-	696	-	-
	Netherlands	-	-	-	221	-	-
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	-	-	-	-	-	-
	Germany	131	-	-	360	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	12	-	-	579	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....	United States	3	-	-	14	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	May, 1961			Five months ended May, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	11	-	-	393	-	-
	United Kingdom	1,022	-	-	1,022	-	-
	Germany	39	-	-	45	-	-
Switch points, guard rails	United States	1	-	-	33	-	-
	United Kingdom	-	-	-	-	-	-
Other railway material:							
Axles .....	United States	-	-	-	9	-	-
	United Kingdom	-	-	-	18	-	-
Steel tires .....	United States	2	-	-	39	-	-
	United Kingdom	-	-	-	28	-	-
Steel wheels .....	United States	14	-	-	47	-	-
	United Kingdom	244	-	-	632	-	-
Total imports .....		77,584	3,147	1,063.9	285,567	14,395	4,556.5

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	May, 1961			Five months ended May, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	27,885	2,770	533.5	157,098	13,340	2,697.1
United Kingdom .....	23,839	168	303.3	60,922	279	1,228.5
Australia .....	-	-	-	1	-	-
Austria .....	401	41	.8	494	119	11.3
Belgium (1) .....	9,719	-	-	21,221	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	5	-	-	17	-	-
France .....	5,022	5	22.5	8,574	7	192.3
Germany .....	6,993	20	-	15,816	60	3.8
Hong Kong .....	-	-	-	25	-	-
Italy .....	168	-	-	177	2	-
Japan .....	3,281	-	109.8	19,985	-	164.0
Netherlands .....	45	-	-	528	-	-
Norway .....	52	-	-	59	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	61	143	94.0	415	588	259.5
Switzerland .....	109	-	-	138	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	77,584	3,147	1,063.9	285,567	14,395	4,556.5

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

Commodity	Country of Origin	May 1961	Five months ended May, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.o.p. ....	United States	.9	20.1
<u>Structural shapes:</u>			
Wide flange beams .....	United States	88.4	609.4
n.o.p. 3" to 6" .....	United States	-	39.4
n.o.p. over 6" .....	United States	2.5	166.3
bar size, n.e.s. ....	United States	-	.4
<u>Plates:</u>			
60" and under in width .....	United States	4.5	189.4
Over 60" up to and including 100" in width .....	United States	12.1	65.7
	United Kingdom	-	11.3
Over 100" in width .....	United States	-	191.8
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width .....	United States	.1	.1
24" to 51" in width .....	United States	-	52.0
Over 51" in width .....	United States	90.4	185.8
Cold rolled:			
24" to 51" in width .....	United States	-	23.2
Over 51" in width .....	United States	.2	20.5
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	2.3	7.4
Total High-strength Low Alloy .....		201.4	1582.8

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	March, 1961	Three months ended March, 1961
	Net tons of 2,000 pounds	
Pig iron .....	-	60
Sprong iron .....	141	589
Steel ingots .....	237	718
Blooms, billets, slab steel .....	542	50,869
Iron castings, n.e.s. ....	934	2,049
Steel castings .....	103	328
Forgings, n.e.s. ....	611	1,405
Bars steel, hot rolled .....	7,110	12,717
Wire rods steel, hot rolled .....	563	1,683
Bars steel, cold rolled .....	272	703
Plate steel .....	579	1,481
Sheets and strip, carbon steel hot rolled ....	3,546	13,220
Sheets and strip steel, n.e.s. ....	12,015	35,999
Structural shapes .....	320	1,457
Rails .....	2,842	7,613
Cast iron pipe .....	2	2
Pipes and tubes iron and steel, n.e.s. ....	2,215	5,713
Total .....	32,032	136,606

(1) Latest Available

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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# PRIMARY IRON AND STEEL

JUNE 1961



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TABLE 1. Description of Iron Blast Furnaces(1) at end of June, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	13	4,103,100	83.7
Banked .....	-	-	-
Blown out .....	4	801,800	16.3
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	June, 1961	Six months ended June, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	80,232	489,845
From foreign mines .....	155,341	968,831
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	107,674	633,227
From foreign mines .....	136,932	803,948
From own processing .....	176,229	783,633
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	20,887	119,173
Scrap iron and steel .....	8,939	41,413
Limestone .....	69,665	419,877
Dolomite .....	23,319	140,333
Coke .....	278,504	1,564,066

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).



TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, June

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	262,581	9,651	359,936	11,946
Foundry (including silvery pig) (2) .....	21,260	18,214	28,614	38,398
Malleable .....	51,691	53,719	29,770	42,310
Total pig iron .....	353,532	81,584	418,320	92,654
Ferro-alloys .....	12,913	10,366	8,120	11,951
Stocks of pig iron on hand at end of month .....	332,610		327,969	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Six months ended June

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	1,953,005	37,192	2,020,392	76,425
Foundry (including silvery pig) (2) .....	130,512	77,080	174,237	106,483
Malleable .....	191,246	172,176	98,662	114,446
Total pig iron .....	2,274,763	286,448	2,293,291	297,354
Ferro-alloys .....	75,622	70,294	52,863	55,961

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	June		Six months ended June	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	260,931	355,368	1,899,308	1,955,458
Scrap - Own make .....	133,010	161,405	867,603	904,917
Purchased .....	97,551	112,076	745,123	671,562
Total pig iron and scrap .....	491,492	628,849	3,512,034	3,531,937

TABLE 7. Production and Shipments of Steel Ingots and Castings, June

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	380,364	6,008	497,733	13,317
Electric .....	53,706	6,755	57,023	7,840
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	434,070	12,763	554,756	21,157
Alloy steel ingots included in above .....	16,160	934	15,509	368
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	159	159	345	322
Electric .....	9,194	9,300	10,086	12,813
Other .....	-	-	57	47
Total steel castings .....	9,353	9,459	10,488	13,182
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	209	189	232	189
High alloy, manganese and abrasion resistant ...	1,502	1,622	1,353	1,294
All other alloys .....	246	225	504	501
Total alloy castings .....	1,957	2,036	2,089	1,984

(1) Includes ingots and castings for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Six months ended June

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	2,769,715	74,609	2,814,841	14,637
Electric .....	351,045	47,069	308,542	45,692
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	3,120,760	121,768	3,123,383	60,329
Alloy steel ingots included in above .....	133,664	5,016	111,964	2,279
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	1,642	2,089	1,418	1,237
Electric .....	53,076	52,803	51,553	51,834
Other .....	-	-	120	85
Total steel castings .....	54,718	54,892	53,091	53,156
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant .....	1,315	1,362	1,279	1,095
High alloy, manganese and abrasion resistant ...	10,113	9,950	7,844	7,750
All other alloys .....	1,685	1,676	2,574	2,471
Total alloy castings .....	13,113	12,988	11,697	11,316

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	June, 1961		Six months ended June, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	-	113	6	796
Automotive industries .....	161	8	788	74
Agricultural, including implement and equipment manufacturers .....	91	-	612	6
Machinery and tools .....	1,407	298	7,207	1,793
Mining, lumbering and quarrying industries .....	748	773	3,757	5,093
Oil and gas, including refineries .....	122	39	523	230
National defence .....	3	-	34	64
Public works and public utilities .....	24	14	93	116
Railway operating .....	5,869	313	24,166	1,213
Railway cars and locomotives .....	2,551	53	3,711	78
Shipbuilding .....	59	3	226	77
Miscellaneous and unclassified .....	163	370	717	1,776
Total shipments .....	11,198	1,984	41,840	11,316

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					



TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, June

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	12,893	17,360	18,572	17,599
Over 4 1/2" outside diameter (including all sizes of casing) .....	14,961	16,018	27,518	16,461
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,628	5,735	7,324	6,933
Totals .....	34,482	39,113	53,414	40,993
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	155	182	93	122
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	378	426	429	517
Totals .....	533	608	522	639

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Six months ended June

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	100,391	88,750	91,680	85,463
Over 4 1/2 " outside diameter (including all sizes of casing) .....	94,972	74,597	235,492	220,982
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	37,177	36,810	36,878	35,622
Totals .....	232,540	200,157	364,050	342,067
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	642	676	353	467
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	2,911	3,129	2,390	2,797
Totals .....	3,553	3,805	2,743	3,264

(1) Included with other.



TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, June, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	41,863	36,507	7,102	29,405
For forging and piercing .....	20,142	15,876	392	15,484
Rails .....	20,787	23,247	-	23,247
Wire rods .....	35,651	36,576	320	36,256
Structural shapes:				
Heavy, including piling .....	22,207	19,422	-	19,422
Light .....	6,376	5,641	-	5,641
Concrete reinforcing bars .....	37,168	42,685	505	42,180
Other hot rolled bars .....	27,570	31,362	3,103	28,259
Tie plates and track material:				
Angle bars .....	1,010	990	-	990
Tie plates .....	8,321	9,337	-	9,337
Track spikes .....	1,415	1,463	-	1,463
Plates (including plates for pipes and tubes) .....	57,061	58,464	-	58,464
Hot rolled sheets and strip ....	191,979	188,818	133,383	55,435
Total hot rolled products ..	471,550	470,388	144,805	325,583
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,941	2,941	-	2,941
Cold reduced strip .....	4,863	4,770	-	4,770
Cold reduced sheets, tin mill black plate and tin plate ....	132,311	138,865	67,177	71,688
Galvanized sheets .....	34,428	33,895	-	33,895
Total cold rolled and coated .	174,543	180,471	67,177	113,294
Total carbon steel .....	646,093	650,859	211,982	438,877
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	1,256	1,196	35	1,161
Alloy plates .....	2	2	-	2
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	7,530	7,100	97	7,003
Structurals .....	-	-	-	-
Cold finished bars .....	487	507	-	507
Wire rods .....	117	103	-	103
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,060	2,197	-	2,197
Total alloy steel .....	11,452	11,105	132	10,973

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Six months ended June, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	125,908	123,112	40,072	83,040
For forging and piercing .....	77,299	73,951	392	73,559
Rails .....	137,043	133,870	-	133,870
Wire rods .....	174,712	177,238	1,487	175,751
Structural shapes:				
Heavy, including piling .....	87,220	81,612	-	81,612
Light .....	33,678	33,411	-	33,411
Concrete reinforcing bars .....	192,040	189,013	505	188,508
Other hot rolled bars .....	174,293	173,317	15,818	157,499
Tie plates and track material:				
Angle bars .....	6,519	6,679	-	6,679
Tie plates .....	38,079	37,478	-	37,478
Track spikes .....	6,329	6,898	-	6,898
Plates (including plates for pipes and tubes) .....	375,456	367,847	1,573	366,274
Hot rolled sheets and strip ....	1,072,656	1,063,104	761,764	301,340
Total hot rolled products ..	2,501,232	2,467,530	821,611	1,645,919
<u>Cold rolled and coated:</u>				
Cold finished bars .....	16,917	17,205	-	17,205
Cold reduced strip .....	25,468	24,783	565	24,218
Cold reduced sheets, tin mill black plate and tin plate ....	746,387	761,407	349,717	411,690
Galvanized sheets .....	172,010	163,427	-	163,427
Total cold rolled and coated .	960,782	966,822	350,282	616,540
Total carbon steel .....	3,462,014	3,434,352	1,171,893	2,262,459
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	5,369	5,308	35	5,273
Alloy plates .....	7	3	-	3
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	38,689	38,353	488	37,865
Structurals .....	-	-	-	-
Cold finished bars .....	3,124	3,164	-	3,164
Wire rods .....	900	878	-	878
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	12,814	13,391	-	13,391
Total alloy steel .....	60,956	61,143	569	60,574

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		June, 1961		Six months ended June, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	53,636	651	256,471	3,144
5	Direct export:				
	(a) British Commonwealth .....	3,516	456	52,787	4,517
	(b) All other .....	69,658	1,753	207,195	6,902
6	Automotive industries .....	12,419	4,114	90,842	22,853
7	Agricultural, including implement and equipment manufacturers .....	5,654	289	49,354	1,512
8	Building construction .....	83,262	118	384,502	477
9	Container industry .....	34,709	32	185,557	162
10	Machinery and tools .....	18,027	1,412	95,556	7,869
11	Merchant trade products .....	43,393	651	216,393	3,880
12	Mining, lumbering, etc. ....	5,543	1,094	30,477	7,004
13	National defence .....	78	21	1,093	235
14	Pressing, forming and stamping .....	19,544	280	110,767	1,595
15	Public works and utilities .....	3,326	-	17,090	-
16	Railway operating .....	23,528	55	151,585	146
17	Railway cars and locomotives .....	7,315	1	24,778	8
18	Shipbuilding .....	5,375	10	34,000	52
19	Pipes and tubes .....	49,109	36	350,246	218
20	Miscellaneous and unclassified .....	785	-	3,766	-
	Net shipments .....	438,877	10,973	2,262,459	60,574

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, June, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	-	105	1,311	4,564	1,178	9,416	5,264
5	Direct export:							
	(a) British Commonwealth ....	-	-	272	-	-	1,800	393
	(b) All other .....	32,520	8,879	484	-	-	1,399	787
6	Automotive industries .	1,139	-	-	8	-	-4	6,583
7	Agricultural, etc. ....	14	-	55	160	538	-23	2,476
8	Building construction .	-	59	720	11,478	2,867	23,197	3,584
9	Container industry ....	-	-	10	-	-	-	54
10	Machinery and tools ...	393	60	373	452	125	495	3,610
11	Merchant trade .....	87	-	32,889	31	120	2,700	6,410
12	Mining, lumbering, etc.	104	309	69	241	35	57	3,408
13	National defence .....	-	-	-	-	-	-	32
14	Pressing, forming and stamping .....	-	-	2	133	533	-	1,017
15	Public works and utilities .....	-	-	2	-	33	3,067	72
16	Railway operating .....	-	13,843	169	26	61	-	520
17	Railway cars and locomotives .....	1,481	-8	-	1,998	136	-	726
18	Shipbuilding .....	3	-	-	331	15	-	223
19	Pipes and tubes .....	10,309	-	-	-	-	-	-
20	Miscellaneous and unclassified .....	-	-	3	-	-	76	103
	Net shipments .....	46,050	23,247	36,359	19,422	5,641	42,180	35,262

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, June, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
2	9,529	7,790	1,148	433	7,900	5,647	54,287	4
								5
-	-	273	-	-	216	1,018	3,972	(a)
3,021	4,453	9,741	-	-	5,359	4,768	71,411	(b)
-	184	4,477	804	941	2,124	277	16,533	6
-	465	1,144	334	17	399	364	5,943	7
1	11,576	5,424	44	214	5,198	19,018	83,380	8
-	-34	226	-	1	34,437	47	34,741	9
1	6,506	4,077	418	828	1,979	122	19,439	10
-	34	749	370	20	614	20	44,044	11
107	1,164	508	73	-	527	35	6,637	12
-	20	26	15	6	-	-	99	13
-	485	5,021	229	970	9,495	1,939	19,824	14
-	17	-	-	99	36	-	3,326	15
8,657	261	39	1	-	6	-	23,583	16
-	1,284	1,338	-	-	-	361	7,316	17
1	4,730	81	1	-	-	-	5,385	18
-	17,792	16,718	1	684	3,383	258	49,145	19
-	-	-	10	557	15	21	785	20
11,790	58,466	57,632	3,448	4,770	71,688	33,895	449,850	



TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Six months ended June, 1961

1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	20	456	5,823	22,819	11,359	38,893	26,538
5	Direct export:							
	(a) British Commonwealth ....	25,419	-	2,440	-	-	11,175	3,272
	(b) All other .....	62,939	27,701	664	1,085	-	9,330	3,863
6	Automotive industries .	9,006	-	7	550	284	1,241	31,575
7	Agricultural, etc. ....	61	-	164	2,243	3,515	-	17,297
8	Building construction .	62	422	6,009	40,782	11,480	100,581	15,050
9	Container industry ....	-	-	65	-	-	187	72
10	Machinery and tools ...	4,311	331	1,640	1,843	674	1,736	23,533
11	Merchant trade .....	739	-	159,071	740	915	11,616	37,696
12	Mining, lumbering, etc.	1,003	3,025	444	1,778	194	967	20,860
13	National defence .....	-	-	-	111	39	35	298
14	Pressing, forming and stamping .....	134	-	60	434	3,984	-	4,568
15	Public works and utilities .....	-	2	5	2,306	33	12,256	491
16	Railway operating .....	32	101,933	234	334	239	335	3,993
17	Railway cars and locomotives .....	4,687	-	-	4,644	339	-	4,053
18	Shipbuilding .....	9	-	-	1,935	230	51	1,676
19	Pipes and tubes .....	53,450	-	-	-	10	-	105
20	Miscellaneous and unclassified .....	-	-	3	8	116	105	424
	Net shipments .....	161,872	133,870	176,629	81,612	33,411	188,508	195,364

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Six months ended June, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
52	39,812	36,739	5,532	1,559	42,192	27,821	259,615	4
								5
-	1,288	4,009	124	29	4,226	5,322	57,304	(a)
8,967	8,215	30,763	33	-	38,045	22,492	214,097	(b)
-	1,625	35,194	4,857	4,707	22,486	2,163	113,695	6
-	2,645	13,140	3,242	150	5,692	2,717	50,866	7
101	67,259	31,203	161	2,043	26,277	83,549	384,979	8
-	15	1,227	5	1	183,583	564	185,719	9
84	27,666	19,742	2,501	4,842	11,439	3,083	103,425	10
-	112	4,324	2,059	182	2,610	209	220,273	11
639	4,199	2,012	366	-	1,754	240	37,481	12
-	301	174	68	302	-	-	1,328	13
-	3,287	28,532	1,367	4,461	54,091	11,444	112,362	14
8	1,311	370	-	150	158	-	17,090	15
41,201	2,079	804	23	-	61	463	151,731	16
2	4,843	4,351	2	-	448	1,417	24,786	17
1	29,156	627	5	-	81	281	34,052	18
-	172,301	101,492	2	3,930	17,888	1,286	350,464	19
-	163	28	22	1,862	659	376	3,766	20
51,055	366,277	314,731	20,369	24,218	411,690	163,427	2,323,033	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	56	-	-
<hr/>							
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	9	20.7	259	91	37.4
Billets, blooms, slabs and sheet bars .....	United States	-	8	45.1	167	100	244.5
	United Kingdom	-	-	-	201	-	-
<hr/>							
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	998	185	20.3	5,817	1,755	74.6
	United Kingdom	297	8	14.6	1,127	121	111.2
	Austria	-	11	-	-	13	5.0
	Belgium	1,259	-	-	3,134	-	-
	France	-	-	-	147	-	-
	Germany	607	-	-	1,931	2	-
	Hong Kong	-	-	-	25	-	-
	Japan	-	-	-	544	-	-
	Sweden	12	7	-	19	8	22.2
Hot rolled bars for agricultural implements ..	United States	242	2	-	1,169	86	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	84	41	.1	397	61	1.4
	United Kingdom	98	-	-	335	-	2.1
Concrete reinforcing bars .	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	584	-	-	7,613	-	-
	France	1,423	-	-	2,423	-	-
	Germany	2,890	-	-	4,893	-	-
	Japan	840	-	-	2,362	-	-
Sash or casement sections .	United States	99	-	-	465	-	-
	United Kingdom	14	-	-	209	-	-
	Belgium	20	-	-	181	-	-
Cold rolled bars, n.e.s. ..	United States	92	53	14.3	534	203	90.0
	United Kingdom	428	-	1.8	1,910	-	45.7
	Austria	-	-	-	-	-	2.3
	Belgium	4	-	-	140	-	-
	Germany	-	-	-	-	3	-
	Japan	42	-	-	66	-	-
	Sweden	1	-	-	8	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	1	-	-	226	6	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	81	90	-	1,090	448	-
	United Kingdom	14	12	-	94	79	-
	Austria	-	12	-	12	129	-
	France	-	-	-	-	4	-
	Germany	-	-	-	-	32	-
	Sweden	4	27	-	11	142	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	13,153	-	-	75,811	-	-
	United Kingdom	1,091	-	-	10,556	-	-
	Belgium	1,557	-	-	4,899	-	-
	Germany	1,527	-	-	1,527	-	-
Sheet piling .....	United States	471	-	-	914	-	-
	United Kingdom	221	-	-	358	-	-
	Belgium	-	-	-	899	-	-
	France	-	-	-	52	-	-
	Germany	78	-	-	540	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	1,066	-	2.3	4,008	-	10.1
	United Kingdom	182	-	-	359	-	.9
	Belgium	1,376	-	-	3,677	-	-
	France	905	-	-	2,554	-	-
	Germany	144	-	-	171	-	-
	Japan	-	-	-	437	-	-
	Norway	-	-	-	25	-	-
Structurals, n.e.s. over 6"	United States	1,718	-	-	8,217	-	-
	United Kingdom	632	-	-	1,866	-	-
	Belgium	849	-	-	2,154	-	-
	France	638	-	-	1,572	-	-
	Germany	15	-	-	160	-	-
	Japan	-	-	-	220	-	-
Bar size structurals, n.e.s. ....	United States	144	-	6.7	851	-	45.2
	United Kingdom	95	-	.9	240	-	5.3
	Belgium	1,931	-	-	4,525	-	-
	France	439	-	-	1,243	-	-
	Germany	1,908	-	-	2,718	-	-
	Japan	-	-	-	220	-	-
	Sweden	-	-	-	-	-	29.9

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	28	-	-	510	-	-
<u>Plates:</u>							
60" and under in width ....	United States	196	83	18.5	1,687	588	210.8
	United Kingdom	21	-	10.9	1,438	-	103.6
	Belgium	285	-	-	391	-	-
	France	-	-	-	-	-	69.9
	Germany	325	-	-	1,273	-	-
	Japan	712	-	-	2,607	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	-	-	-	24.1
Over 60" up to and including 100" in width .	United States	324	92	36.6	2,237	1,131	183.8
	United Kingdom	-	-	-	5,028	-	1.1
	France	-	-	-	-	-	22.9
	Germany	69	-	-	3,289	-	-
	Japan	599	-	-	4,844	-	-
	Sweden	-	-	-	-	-	14.6
Over 100" in width .....	United States	263	1	21.5	2,613	62	22.0
	United Kingdom	-	-	-	505	-	-
	Japan	-	-	-	53	-	-
Flanged or dished .....	United States	262	3	5.4	1,454	3	34.4
Floor plate .....	United States	342	5	-	2,205	6	.4
	United Kingdom	118	-	-	791	-	-
	Belgium	-	-	-	8	-	-
	Germany	10	-	-	70	-	-
	Japan	138	-	-	512	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	452	4	-	2,393	31	-
	United Kingdom	62	-	-	238	-	-
	Belgium	310	-	-	690	-	-
	France	196	-	-	283	-	-
	Germany	33	-	-	33	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961		Six months ended June, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not including 24" in width .....	United States	87	-	474	49
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	319	14	1,301	104
	United Kingdom	-	-	11	1
	Belgium	58	-	92	-
	Germany	12	-	25	-
	Japan	295	-	793	-
Over 51" in width .....	United States	569	-	3,862	241
	United Kingdom	-	-	-	-
	Germany	30	-	30	-
	Japan	26	-	127	-
Cold rolled:					
Under 24" in width .....	United States	252	2	1,916	27
	United Kingdom	32	-	205	-
	Belgium	5	-	59	-
	Germany	20	-	269	-
	Japan	-	-	4	-
	Netherlands	1	-	4	-
	Sweden	48	-	344	2
24" to 51" in width .....	United States	107	-	1,253	1
	United Kingdom	29	-	214	-
Over 51" in width .....	United States	415	-	5,987	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	740	-	4,484	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	113	-	571	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	724	-	4,608	-
	United Kingdom	53	-	177	-
	Germany	-	-	3	-
Asbestos bonded (includes galvanized & corrugated).	United States	11	-	239	-
	United Kingdom	-	-	71	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961		Six months ended June, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	61	-	721	-
	United Kingdom	-	-	5	-
	Germany	1	-	46	-
Electro galvanized .....	United States	111	-	1,017	-
	United Kingdom	12	-	16	-
Galvanized n.e.s. ....	United States	198	-	1,002	-
	United Kingdom	14	-	41	-
	Belgium	-	-	88	-
	Japan	-	-	67	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,432	-	7,580
	United Kingdom	-	11	-	11
Electrical n.e.s. ....	United States	-	65	-	424
	United Kingdom	-	-	-	-
Saw steel .....	United States	20	122	129	499
	United Kingdom	-	-	-	5
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	-	13	1	96
Hot rolled wasters .....	United States	157	-	926	-
	United Kingdom	17	-	17	-
Cold rolled wasters .....	United States	184	-	1,236	-
	United Kingdom	-	-	-	-
Black plate .....	United States	5	-	13	-
Tin plate primes .....	United States	116	-	408	-
	United Kingdom	9	-	56	-
Tin plate electrolytic ....	United States	16	-	75	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate long .....	United States	399	-	2,838	-
	United Kingdom	77	-	77	-
Terne plate short .....	United States	16	-	81	-
Strip for hoop .....	United States	24	-	322	-
	United Kingdom	-	-	46	-
	Belgium	2	-	2	-
	Japan	6	-	116	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961	Six months ended June, 1961
		Stainless	Stainless
net tons of 2,000 pounds			
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	.4	6.4
	United Kingdom	-	5.7
Under 24" in width lighter than 18 gauge .	United States	-	9.5
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	11.0	54.8
	United Kingdom	33.9	317.5
	France	-	-
	Japan	-	2.5
	Sweden	20.0	141.2
24" up to and including 51" in width, lighter than 18 gauge .....	United States	12.2	25.9
	United Kingdom	3.9	59.9
Over 51" in width 18 gauge and heavier .....	United States	7.8	18.5
	United Kingdom	-	-
	Sweden	2.0	16.9
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	26.8	197.8
	United Kingdom	-	.3
Under 24" in width lighter than 18 gauge .	United States	116.5	607.7
	United Kingdom	.5	.6
	Germany	.5	.5
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	140.6	790.8
	United Kingdom	145.6	713.7
	France	20.3	87.1
	Japan	37.2	192.8

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	130	-	-	748	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Japan	-	-	-	2,966	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	18	-	-	617	-	-
Cast .....	United States	54	-	-	296	-	-
	United Kingdom	994	-	-	5,901	-	-
	Australia	13	-	-	13	-	-
	France	-	-	-	88	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	80	2	-	724	113	2.0
	United Kingdom	5	-	-	773	6	-
	Italy	-	-	-	-	2	-
Seamless cold drawn .....	United States	10	-	-	43	4	57.0
	United Kingdom	-	-	-	93	-	1.3
	France	27	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	20	-	-	393	-	-
	United Kingdom	71	-	-	981	-	-
	Germany	-	-	-	4	-	-
	Switzerland	207	-	-	345	-	-
Seamless cold drawn, n.e.s.	United States	171	3	20.9	693	39	110.7
	United Kingdom	88	-	7.3	344	5	58.1
	France	-	-	10.7	-	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Sweden	15	-	1.3	40	-	15.6
Mechanical tubing .....	United States	839	176	2.1	4,857	1,546	26.2
	United Kingdom	19	-	-	182	77	1.8
	Germany	-	-	-	50	23	-
	Japan	3	-	-	3	-	-
	Sweden	-	-	-	-	383	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D, .....	United States	102	10	1.6	520	69	23.2
	United Kingdom	70	-	-	725	5	-
	Japan	-	-	-	84	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	32	1	.9	86	3	1.0
	United Kingdom	-	-	-	1,154	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	350	1	-	944	2	.2
	United Kingdom	-	-	-	10,345	-	-
	Germany	-	-	-	161	-	-
Over 16" O.D. ....	United States	269	-	-	731	-	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	121	-	-	2,105	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	244	-	24.7	1,333	-	79.2
	United Kingdom	170	-	2.4	1,135	-	7.7
	Belgium	-	-	-	200	-	-
	France	538	-	-	2,312	-	-
	Germany	339	-	-	2,168	-	-
	Japan	58	-	-	652	-	-
	Netherlands	3	-	-	14	-	-
	Sweden	-	-	.9	12	-	2.7
Over 4 1/2" O.D. up to and including 16" O.D..	United States	20	-	13.8	393	2	75.7
	France	4	-	-	4	-	-
	Germany	-	-	-	107	-	-
Over 16" O.D. ....	United States	-	-	-	1,082	5	7.9
	United Kingdom	1,656	-	-	1,656	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	240	-	-	1,451	-	-
	United Kingdom	153	-	-	614	-	-
	Germany	-	-	-	456	-	-
	Japan	245	-	-	1,496	-	-
Casing:							
J-55 and H-40 .....	United States	20	-	-	289	-	-
	United Kingdom	160	-	-	1,473	-	-
	Germany	90	-	-	356	-	-
	Italy	-	-	-	156	-	-
	Japan	197	-	-	1,447	-	-
All other casing .....	United States	76	-	-	773	-	-
	United Kingdom	-	-	-	529	-	-
	Japan	133	-	-	281	-	-
Conduit .....	United States	28	-	-	167	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	37	-	-	73	-	.1
	United Kingdom	1,231	-	-	5,327	-	-
	Belgium	1	-	-	1	-	-
	Germany	266	-	-	1,485	-	-
	Japan	124	-	-	784	-	-
For springs, cushions, etc. ....	United States	-	-	-	89	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	118	-	-	283	-	-
For corset clasps, dress stays, etc. ....	United States	6	-	-	20	-	-
	United Kingdom	4	-	-	18	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	11	-	3.9	147	-	14.6
	United Kingdom	25	-	-	66	-	-
	Austria	-	-	-	12	-	-
	Belgium	1	-	-	1	-	-
	Germany	-	-	-	7	-	-
	Japan	4	-	-	7	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	100	-	-	449	-	-
	Belgium	75	-	-	105	-	-
	France	-	-	-	205	-	-
	Germany	-	-	-	60	-	-
Galvanized, n.e.s. ....	United States	39	-	-	180	-	-
	United Kingdom	141	-	-	772	-	-
	Austria	-	-	-	121	-	-
	Belgium	55	-	-	164	-	-
	France	116	-	-	264	-	-
	Germany	21	-	-	24	-	-
	Italy	-	-	-	9	-	-
	Japan	6	-	-	434	-	-
Wire, n.e.s. ....	United States	128	-	3.8	544	50	46.3
	United Kingdom	363	-	.1	776	-	13.9
	Austria	10	-	-	359	-	-
	Belgium	173	-	-	346	-	-
	France	389	-	-	620	-	-
	Germany	162	-	.1	572	-	.1
	Japan	188	-	-	908	-	1.1
	Netherlands	13	-	-	50	-	-
	Sweden	2	-	-	45	-	9.0

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	11	-	1.8	105	-	10.8
	United Kingdom	229	-	-	1,125	-	-
	Belgium	5	-	-	63	-	-
	Denmark	-	-	-	17	-	-
	France	91	-	-	330	-	-
	Germany	40	-	-	324	-	-
	Japan	184	-	-	662	-	-
	Netherlands	41	-	-	296	-	-
	Norway	24	-	-	58	-	-
Sweden	1	-	-	7	-	-	
Welding rods (cut length) .	United States	27	58	18.8	561	422	156.8
	United Kingdom	41	-	-	228	-	-
	Australia	-	-	-	1	-	-
	Austria	-	-	1.3	-	-	5.3
	Japan	-	-	-	1	-	-
	Sweden	2	-	1.7	10	-	6.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	23	5	3.1	214	54	16.3
	United Kingdom	-	-	-	4	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	10.9	166	-	16.2
	United Kingdom	156	-	-	361	-	-
	Belgium	663	-	-	1,000	-	-
	Chile	-	-	-	97	-	-
	France	1,914	-	-	3,130	-	-
	Germany	431	-	-	1,664	-	3.8
	Japan	210	-	-	906	-	-
	Netherlands	-	-	-	221	-	-
<hr/>							
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	1	-	-	1	-	-
	Germany	60	-	-	420	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	67	-	-	646	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....	United States	-	-	-	14	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	June, 1961			Six months ended June, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	24	-	-	417	-	-
	United Kingdom	1,024	-	-	2,046	-	-
	Germany	44	-	-	89	-	-
Switch points, guard rails	United States	9	-	-	42	-	-
	United Kingdom	10	-	-	10	-	-
Other railway material:							
Axles .....	United States	-	-	-	9	-	-
	United Kingdom	-	-	-	18	-	-
Steel tires .....	United States	29	-	-	68	-	-
	United Kingdom	-	-	-	28	-	-
Steel wheels .....	United States	-	-	-	47	-	-
	United Kingdom	542	-	-	1,174	-	-
Total imports .....		68,204	2,568	931.0	353,771	16,963	5,487.5

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	June, 1961			Six months ended June, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	27,766	2,467	613.1	184,864	15,807	3,310.2
United Kingdom .....	10,898	31	221.9	71,820	310	1,450.4
Australia .....	13	-	-	14	-	-
Austria .....	10	23	1.3	504	142	12.6
Belgium (1) .....	9,213	-	-	30,434	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	-	-	-	17	-	-
France .....	6,680	-	31.0	15,254	7	223.3
Germany .....	9,122	-	.6	24,938	60	4.4
Hong Kong .....	-	-	-	25	-	-
Italy .....	-	-	-	177	2	-
Japan .....	4,128	-	37.2	24,113	-	201.2
Netherlands .....	58	-	-	586	-	-
Norway .....	24	-	-	83	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	85	47	25.9	500	635	285.4
Switzerland .....	207	-	-	345	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	68,204	2,568	931.0	353,771	16,963	5,487.5

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	June 1961	Six months ended June, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	-	20.1
Cold rolled bars, n.e.s. ....	United States	.6	.6
<u>Structural shapes:</u>			
Wide flange beams ....	United States	49.7	659.1
n.e.s. 3" to 6" ....	United States	.1	39.5
n.e.s. over 6" ....	United States	.1	166.4
bar size, n.e.s. ....	United States	.8	1.2
<u>Plates:</u>			
60" and under in width ....	United States	11.2	200.6
Over 60" up to and including 100" in width ....	United States United Kingdom	24.5 -	90.2 11.3
Over 100" in width ....	United States	7.1	198.9
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width ....	United States	-	.1
24" to 51" in width ....	United States	20.6	72.6
Over 51" in width ....	United States	-	185.8
Cold rolled:			
24" to 51" in width ....	United States	4.8	28.0
Over 51" in width ....	United States	3.9	24.4
<u>Pipes and tubes:</u>			
Mechanical tubing ....	United States	-	7.4
Total High-strength Low Alloy .....		123.4	1,706.2

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.



TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	April, 1961	Four months ended April, 1961
	Net tons of 2,000 pounds	
Pig iron .....	5,907	5,967
Sprong iron .....	216	805
Steel ingots .....	417	1,135
Blooms, billets, slab steel .....	512	51,381
Iron castings, n.e.s. ....	686	2,735
Steel castings .....	295	623
Forgings, n.e.s. ....	835	2,240
Bars steel, hot rolled .....	2,392	15,109
Wire rods steel, hot rolled .....	711	2,394
Bars steel, cold rolled .....	204	907
Plate steel .....	324	1,805
Sheets and strip, carbon steel hot rolled ...	2,690	15,910
Sheets and strip steel, n.e.s. ....	11,855	47,854
Structural shapes .....	1,603	3,060
Rails .....	10,820	18,433
Cast iron pipe .....	25	27
Pipes and tubes iron and steel, n.e.s. ....	1,774	7,487
Total .....	41,266	177,872

(1) Latest Available.

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.







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TABLE 1. Description of Iron Blast Furnaces(1) at end of July, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	14	4,293,100	87.5
Banked .....	-	-	-
Blown out .....	3	611,800	12.5
Totals .....	17	49,049,000	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	July, 1961	Seven months ended July, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	95,726	585,571
From foreign mines .....	177,927	1,146,758
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	109,629	742,856
From foreign mines .....	155,699	959,647
From own processing .....	169,479	953,112
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	23,566	142,739
Scrap iron and steel .....	8,529	49,942
Limestone .....	79,729	499,606
Dolomite .....	25,519	165,852
Coke .....	298,311	1,862,377

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, July

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	281,443	1,788	377,972	12,517
Foundry (including silvery pig) (2) .....	25,678	16,718	26,941	47,499
Malleable .....	29,897	37,278	36,415	33,909
Total pig iron .....	337,018	55,784	441,328	93,925
Ferro-alloys .....	11,687	9,418	9,111	9,917
Stocks of pig iron on hand at end of month .....	336,515		312,016	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Seven months ended July

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	2,234,448	38,980	2,398,364	88,942
Foundry (including silvery pig) (2) .....	156,190	93,798	201,178	153,982
Malleable .....	221,143	209,454	135,077	148,355
Total pig iron .....	2,611,781	342,232	2,734,619	391,279
Ferro-alloys .....	87,309	79,712	61,974	65,878

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	July		Seven months ended July	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	268,148	369,691	2,167,456	2,325,149
Scrap - Own make .....	128,474	140,132	996,077	1,045,049
Purchased .....	90,713	85,190	835,836	756,752
Total pig iron and scrap .....	487,335	595,013	3,999,369	4,126,950

TABLE 7. Production and Shipments of Steel Ingots and Castings, July

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	398,750	6,043	487,010	22,493
Electric .....	36,586	4,914	40,218	5,525
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	435,336	10,957	527,228	28,018
Alloy steel ingots included in above .....	19,651	137	20,036	397
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	167	167	195	376
Electric .....	5,300	5,886	7,162	8,641
Other .....	-	-	112	128
Total steel castings .....	5,467	6,053	7,469	9,145
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	162	143	153	178
High alloy, manganese and abrasion resistant ...	982	1,235	1,029	1,222
All other alloys .....	256	194	335	224
Total alloy castings .....	1,400	1,572	1,517	1,624

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Seven months ended July

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	3,168,465	80,652	3,301,851	37,130
Electric .....	387,631	51,983	348,760	51,217
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	3,556,096	132,635	3,650,611	88,347
Alloy steel ingots included in above .....	153,315	5,153	132,000	2,676
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	1,809	2,256	1,613	1,613
Electric .....	58,376	58,689	58,715	60,475
Other .....	-	-	232	213
Total steel castings .....	60,185	60,945	60,560	62,301
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant .....	1,477	1,505	1,432	1,273
High alloy, manganese and abrasion resistant ...	11,095	11,185	8,873	8,972
All other alloys .....	1,941	1,870	2,909	2,695
Total alloy castings .....	14,513	14,560	13,214	12,940

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	July, 1961		Seven months ended July, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	5	157	11	953
Automotive industries .....	103	1	891	75
Agricultural, including implement and equipment manufacturers .....	39	-	651	6
Machinery and tools .....	1,118	226	8,325	2,019
Mining, lumbering and quarrying industries .....	553	462	4,310	5,555
Oil and gas, including refineries .....	148	359	671	589
National defence .....	24	-	58	64
Public works and public utilities .....	21	14	114	130
Railway operating .....	4,390	123	28,556	1,336
Railway cars and locomotives .....	986	23	4,697	101
Shipbuilding .....	53	1	279	78
Miscellaneous and unclassified .....	81	258	798	2,034
Total shipments .....	7,521	1,624	49,361	12,940

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....	441,328	9,111	527,228	7,469	534,697
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, July

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	13,137	14,823	13,249	15,584
Over 4 1/2" outside diameter (including all sizes of casing) .....	9,387	16,998	19,006	26,397
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	3,591	3,977	4,397	5,158
Totals .....	26,115	35,798	36,652	47,139
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	118	126	108	105
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	308	394	400	479
Totals .....	426	520	508	584

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Seven months ended July

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	113,528	103,573	104,929	101,047
Over 4 1/2 " outside diameter (including all sizes of casing) .....	104,359	91,595	254,498	247,379
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	40,768	40,787	41,275	40,780
Totals .....	258,655	235,955	400,702	389,206
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	760	802	461	572
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	3,219	3,523	2,790	3,276
Totals .....	3,979	4,325	3,251	3,848

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, July, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	24,135	25,445	7,340	18,105
For forging and piercing .....	11,872	13,870	-	13,870
Rails .....	21,203	22,758	-	22,758
Wire rods .....	33,937	33,077	95	32,982
Structural shapes:				
Heavy, including piling .....	19,746	22,552	-	22,552
Light .....	6,694	7,409	-	7,409
Concrete reinforcing bars .....	31,489	39,229	-	39,229
Other hot rolled bars .....	19,439	17,597	1,622	15,975
Tie plates and track material:				
Angle bars .....	497	968	-	968
Tie plates .....	3,690	4,763	-	4,763
Track spikes .....	475	461	-	461
Plates (including plates for pipes and tubes) .....	59,921	55,806	-	55,806
Hot rolled sheets and strip ....	183,298	181,041	126,594	54,447
Total hot rolled products ..	416,396	424,976	135,651	289,325
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,032	1,819	-	1,819
Cold reduced strip .....	3,370	3,028	-	3,028
Cold reduced sheets, tin mill black plate and tin plate ....	131,906	132,510	65,465	67,045
Galvanized sheets .....	37,129	33,546	-	33,546
Total cold rolled and coated .	174,437	170,903	65,465	105,438
Total carbon steel .....	590,833	595,879	201,116	394,763
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	516	292	-	292
Alloy plates .....	52	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	5,026	4,886	10	4,876
Structurals .....	-	-	-	-
Cold finished bars .....	650	483	-	483
Wire rods .....	136	130	-	130
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	1,422	1,529	-	1,529
Total alloy steel .....	7,802	7,320	10	7,310

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Seven months ended July, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	150,043	148,557	47,412	101,145
For forging and piercing .....	89,171	87,821	392	87,429
Rails .....	158,246	156,628	-	156,628
Wire rods .....	208,649	210,315	1,582	208,733
Structural shapes:				
Heavy, including piling .....	106,966	104,164	-	104,164
Light .....	40,372	40,820	-	40,820
Concrete reinforcing bars .....	223,529	228,242	505	227,737
Other hot rolled bars .....	193,732	190,914	17,440	173,474
Tie plates and track material:				
Angle bars .....	7,016	7,647	-	7,647
Tie plates .....	41,769	42,241	-	42,241
Track spikes .....	6,804	7,359	-	7,359
Plates (including plates for pipes and tubes) .....	435,377	423,653	1,573	422,080
Hot rolled sheets and strip ....	1,255,954	1,244,145	888,358	355,787
Total hot rolled products ..	2,917,628	2,892,506	957,262	1,935,244
<u>Cold rolled and coated:</u>				
Cold finished bars .....	18,949	19,024	-	19,024
Cold reduced strip .....	28,838	27,811	565	27,246
Cold reduced sheets, tin mill black plate and tin plate ....	878,293	893,917	415,182	478,735
Galvanized sheets .....	209,139	196,973	-	196,973
Total cold rolled and coated .	1,135,219	1,137,725	415,747	721,978
Total carbon steel .....	4,052,847	4,030,231	1,373,009	2,657,222
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	5,885	5,600	35	5,565
Alloy plates .....	59	3	-	3
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	43,715	43,239	498	42,741
Structurals .....	-	-	-	-
Cold finished bars .....	3,774	3,647	-	3,647
Wire rods .....	1,036	1,008	-	1,008
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	14,236	14,920	-	14,920
Total alloy steel .....	68,758	68,463	579	67,884



TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		July, 1961		Seven months ended July, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	54,618	446	311,089	3,590
5	Direct export:				
	(a) British Commonwealth .....	2,036	407	54,823	4,924
	(b) All other .....	38,280	763	245,475	7,665
6	Automotive industries .....	11,093	2,465	101,935	25,318
7	Agricultural, including implement and equipment manufacturers .....	3,963	131	53,317	1,643
8	Building construction .....	90,379	84	474,881	561
9	Container industry .....	35,081	4	220,638	166
10	Machinery and tools .....	12,695	1,091	108,251	8,960
11	Merchant trade products .....	36,873	634	253,266	4,514
12	Mining, lumbering, etc. ....	3,804	1,012	34,281	8,016
13	National defence .....	76	22	1,169	257
14	Pressing, forming and stamping .....	16,054	214	126,821	1,809
15	Public works and utilities .....	1,924	-	19,014	-
16	Railway operating .....	18,661	27	170,246	173
17	Railway cars and locomotives .....	1,908	-	26,686	8
18	Shipbuilding .....	3,456	10	37,456	62
19	Pipes and tubes .....	63,370	-	413,616	218
20	Miscellaneous and unclassified .....	492	-	4,258	-
	Net shipments .....	394,763	7,310	2,657,222	67,884

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, July, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	-	-	466	5,955	2,655	9,350	4,010
5	Direct export:							
	(a) British Commonwealth ....	-	-	116	-	-	193	350
	(b) All other .....	18,242	8,655	15	-	-	1,553	678
6	Automotive industries .	1,518	-	7	56	48	-	2,866
7	Agricultural, etc. ....	1	-	-	505	209	-	1,393
8	Building construction .	-	370	1,318	14,304	3,169	24,124	1,945
9	Container industry ....	-	-	1	-	-	-	2
10	Machinery and tools ...	867	65	105	391	202	260	2,228
11	Merchant trade .....	78	-	30,865	155	124	2,144	2,788
12	Mining, lumbering, etc.	97	249	47	197	64	32	2,962
13	National defence .....	-	-	-	-	-	52	9
14	Pressing, forming and stamping .....	44	-	45	131	732	3	634
15	Public works and utilities .....	-	1	126	65	17	1,509	54
16	Railway operating .....	-	13,418	-	147	25	-	120
17	Railway cars and locomotives .....	347	-	-	450	125	-	534
18	Shipbuilding .....	-	-	-	181	17	-	211
19	Pipes and tubes .....	11,073	-	-	-	-	-	-
20	Miscellaneous and unclassified .....	-	-	1	15	22	9	67
	Net shipments .....	32,267	22,758	33,112	22,552	7,409	39,229	20,851

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, July, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
3	8,282	7,034	744	169	9,405	6,991	55,064	4
								5
-	-	265	-	-	436	1,083	2,443	(a)
2,166	498	3,498	2	98	1,699	1,939	39,043	(b)
-	180	4,873	674	665	2,266	405	13,558	6
-	239	1,022	165	13	452	95	4,094	7
-	14,758	4,637	18	260	5,658	19,902	90,463	8
-	-	423	-	45	34,458	156	35,085	9
39	4,267	2,543	286	387	1,950	196	13,786	10
-	36	598	224	-	449	46	37,507	11
3	573	225	55	20	180	112	4,816	12
-	-	28	5	4	-	-	98	13
-	405	4,477	128	926	6,479	2,264	16,268	14
-	34	-	-	-	118	-	1,924	15
3,981	643	275	1	-	6	72	18,688	16
-	115	259	-	-	-	78	1,908	17
-	2,784	264	-	-	3	6	3,466	18
-	22,992	25,555	-	146	3,429	175	63,370	19
-	-	-	-	295	57	26	492	20
6,192	55,806	55,976	2,302	3,028	67,045	33,546	402,073	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	20	456	6,289	28,774	14,014	48,243	30,548
5	Direct export:							
	(a) British Commonwealth ....	25,419	-	2,556	-	-	11,368	3,622
	(b) All other .....	81,181	36,356	679	1,085	-	10,883	4,541
6	Automotive industries .	10,524	-	14	606	332	1,241	34,441
7	Agricultural, etc. ....	62	-	164	2,748	3,724	-	18,690
8	Building construction .	62	792	7,327	55,086	14,649	124,705	16,995
9	Container industry ....	-	-	66	-	-	187	74
10	Machinery and tools ...	5,178	396	1,745	2,234	876	1,996	25,761
11	Merchant trade .....	817	-	189,936	895	1,039	13,760	40,484
12	Mining, lumbering, etc.	1,100	3,274	491	1,975	258	999	23,822
13	National defence .....	-	-	-	111	39	87	307
14	Pressing, forming and stamping .....	178	-	105	565	4,716	3	5,202
15	Public works and utilities .....	-	3	131	2,371	50	13,765	545
16	Railway operating .....	32	115,351	234	481	264	335	4,113
17	Railway cars and locomotives .....	5,034	-	-	5,094	464	-	4,587
18	Shipbuilding .....	9	-	-	2,116	247	51	1,887
19	Pipes and tubes .....	64,523	-	-	-	10	-	105
20	Miscellaneous and unclassified .....	-	-	4	23	138	114	491
	Net shipments .....	194,139	156,628	209,741	104,164	40,820	227,737	216,215

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
55	48,094	43,773	6,276	1,728	51,597	34,812	314,679	4
								5
-	1,288	4,274	124	29	4,662	6,405	59,747	(a)
11,133	8,713	34,261	35	98	39,744	24,431	253,140	(b)
-	1,805	40,067	5,531	5,372	24,752	2,568	127,253	6
-	2,884	14,162	3,407	163	6,144	2,812	54,960	7
101	82,017	35,840	179	2,303	31,935	103,451	475,442	8
-	15	1,650	5	46	218,041	720	220,804	9
123	31,933	22,285	2,787	5,229	13,389	3,279	117,211	10
-	148	4,922	2,283	182	3,059	255	257,780	11
642	4,772	2,237	421	20	1,934	352	42,297	12
-	301	202	73	306	-	-	1,426	13
-	3,692	33,009	1,495	5,387	60,570	13,708	128,630	14
8	1,345	370	-	150	276	-	19,014	15
45,182	2,722	1,079	24	-	67	535	170,419	16
2	4,958	4,610	2	-	448	1,495	26,694	17
1	31,940	891	5	-	84	287	37,518	18
-	195,293	127,047	2	4,076	21,317	1,461	413,834	19
-	163	28	22	2,157	716	402	4,258	20
57,247	422,083	370,707	22,671	27,246	478,735	196,973	2,725,106	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	15	-	-	131	-	-
	United Kingdom	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	22	-	259	113	37.4
Billets, blooms, slabs and sheet bars .....	United States	47	29	81.9	214	129	326.4
	United Kingdom	-	-	-	201	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	1,054	345	11.0	6,871	2,100	85.6
	United Kingdom	114	106	16.4	1,241	227	127.6
	Austria	-	-	-	-	13	5.0
	Belgium	1,523	-	-	4,657	-	-
	France	153	-	-	300	-	-
	Germany	368	-	-	2,299	2	-
	Hong Kong	-	-	-	25	-	-
	Japan	126	-	-	670	-	-
	Sweden	12	-	-	31	8	22.2
Hot rolled bars for agricultural implements ..	United States	243	28	-	1,412	114	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	92	4	-	489	65	1.4
	United Kingdom	35	-	-	370	-	2.1
Concrete reinforcing bars .	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	2,195	-	-	9,808	-	-
	France	27	-	-	2,450	-	-
	Germany	1,078	-	-	5,971	-	-
	Japan	247	-	-	2,609	-	-
Sash or casement sections .	United States	171	-	-	636	-	-
	United Kingdom	56	-	-	265	-	-
	Belgium	37	-	-	218	-	-
Cold rolled bars, n.e.s. ...	United States	42	51	10.4	576	254	100.4
	United Kingdom	469	-	10.2	2,379	-	55.9
	Austria	-	-	-	-	-	2.3
	Belgium	17	-	-	157	-	-
	Germany	-	5	-	-	8	-
	Japan	51	-	-	117	-	-
	Sweden	-	-	-	8	4	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	12	13	-	238	19	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	260	68	-	1,350	516	-
	United Kingdom	19	37	-	113	116	-
	Austria	-	33	-	12	162	-
	France	-	-	-	-	4	-
	Germany	-	2	-	-	34	-
	Sweden	1	29	-	12	171	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	10,399	-	-	86,210	-	-
	United Kingdom	2,091	-	-	12,647	-	-
	Belgium	2,269	-	-	7,168	-	-
	Germany	1,606	-	-	3,133	-	-
Sheet piling .....	United States	268	-	-	1,182	-	-
	United Kingdom	-	-	-	358	-	-
	Belgium	-	-	-	899	-	-
	France	-	-	-	52	-	-
	Germany	-	-	-	540	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	537	-	1.1	4,545	-	11.2
	United Kingdom	64	-	-	423	-	.9
	Australia	253	-	-	253	-	-
	Belgium	1,651	-	-	5,328	-	-
	France	603	-	-	3,157	-	-
	Germany	118	-	-	289	-	-
	Japan	-	-	-	437	-	-
	Norway	-	-	-	25	-	-
Structurals, n.e.s. over 6"	United States	1,258	-	-	9,475	-	-
	United Kingdom	494	-	-	2,360	-	-
	Belgium	670	-	-	2,824	-	-
	France	373	-	-	1,945	-	-
	Germany	-	-	-	160	-	-
	Japan	-	-	-	220	-	-
Bar size structurals, n.e.s. ....	United States	348	-	6.8	1,199	-	52.0
	United Kingdom	67	-	-	307	-	5.3
	Belgium	2,006	-	-	6,531	-	-
	France	345	-	-	1,588	-	-
	Germany	296	-	-	3,014	-	-
	Japan	-	-	-	220	-	-
	Sweden	-	-	3.5	-	-	33.4

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	75	-	-	585	-	-
<u>Plates:</u>							
60" and under in width ....	United States	326	81	49.4	2,013	669	260.2
	United Kingdom	487	-	50.8	1,925	-	154.4
	Belgium	154	-	-	545	-	-
	France	-	-	-	-	-	69.9
	Germany	45	-	-	1,318	-	-
	Japan	695	-	-	3,302	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	14.1	-	-	38.2
Over 60" up to and including 100" in width .	United States	720	453	36.5	2,957	1,584	220.3
	United Kingdom	1,205	-	-	6,233	-	1.1
	Belgium	15	-	-	15	-	-
	France	-	-	-	-	-	22.9
	Germany	19	-	-	3,308	-	-
	Japan	1,059	-	-	5,903	-	-
	Sweden	-	-	10.7	-	-	25.3
Over 100" in width .....	United States	268	1	-	2,881	63	22.0
	United Kingdom	377	-	-	882	-	-
	Japan	-	-	-	53	-	-
Flanged or dished .....	United States	195	-	2.9	1,649	3	37.3
Floor plate .....	United States	745	-	-	2,950	6	.4
	United Kingdom	231	-	-	1,022	-	-
	Belgium	-	-	-	8	-	-
	Germany	-	-	-	70	-	-
	Japan	58	-	-	570	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	326	1	-	2,719	32	-
	United Kingdom	51	-	-	289	-	-
	Belgium	310	-	-	1,000	-	-
	France	5	-	-	288	-	-
	Germany	86	-	-	119	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961		Seven months ended July, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not including 24" in width .....	United States	22	7	496	56
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	233	4	1,534	108
	United Kingdom	5	-	16	1
	Belgium	-	-	92	-
	Germany	-	-	25	-
	Japan	84	-	877	-
Over 51" in width .....	United States	1,512	-	5,374	241
	United Kingdom	6	-	6	-
	Germany	-	-	30	-
	Japan	209	-	336	-
Cold rolled:					
Under 24" in width .....	United States	378	7	2,294	34
	United Kingdom	45	-	250	-
	Belgium	7	-	66	-
	Germany	57	-	326	-
	Japan	20	-	24	-
	Netherlands	-	-	4	-
	Sweden	54	-	398	2
24" to 51" in width .....	United States	102	-	1,355	1
	United Kingdom	98	-	312	-
Over 51" in width .....	United States	337	-	6,324	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	377	-	4,861	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	68	-	639	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	855	-	5,463	-
	United Kingdom	18	-	195	-
	Germany	-	-	3	-
Asbestos bonded (includes galvanized & corrugated).	United States	94	-	333	-
	United Kingdom	59	-	130	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961		Seven months ended July, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	46	-	767	-
	United Kingdom	2	-	7	-
	Germany	5	-	51	-
Electro galvanized .....	United States	55	-	1,072	-
	United Kingdom	3	-	19	-
Galvanized n.e.s. ....	United States	286	-	1,288	-
	United Kingdom	14	-	55	-
	Belgium	-	-	88	-
	Japan	23	-	90	-
Electrical (silicon content 2.90 or more) .....	United States	-	850	-	8,430
	United Kingdom	-	-	-	11
Electrical n.e.s. ....	United States	-	91	-	515
	United Kingdom	-	-	-	-
Saw steel .....	United States	39	43	168	542
	United Kingdom	-	2	-	7
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	-	17	1	113
Hot rolled wasters .....	United States	182	-	1,108	-
	United Kingdom	-	-	17	-
Cold rolled wasters .....	United States	287	-	1,523	-
	United Kingdom	22	-	22	-
Black plate .....	United States	-	-	13	-
Tin plate primes .....	United States	85	-	493	-
	United Kingdom	6	-	62	-
Tin plate electrolytic ....	United States	108	-	183	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate long .....	United States	312	-	3,150	-
	United Kingdom	-	-	77	-
Terne plate short .....	United States	67	-	148	-
Strip for hoop .....	United States	23	-	345	-
	United Kingdom	3	-	49	-
	Belgium	-	-	2	-
	Japan	6	-	122	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961	Seven months ended July, 1961
		Stainless	Stainless
net tons of 2,000 pounds			
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	.3	6.7
	United Kingdom	2.6	8.3
Under 24" in width lighter than 18 gauge .	United States	-	9.5
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	6.1	60.9
	United Kingdom	26.7	344.2
	France	-	-
	Japan	-	2.5
	Sweden	36.8	178.0
24" up to and including 51" in width, lighter than 18 gauge .....	United States	.1	26.0
	United Kingdom	10.7	70.6
	Sweden	.4	.4
Over 51" in width 18 gauge and heavier .....	United States	3.0	21.5
	United Kingdom	3.1	3.1
	Sweden	4.8	21.7
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	18.0	215.8
	United Kingdom	-	.3
Under 24" in width lighter than 18 gauge .	United States	246.2	853.9
	United Kingdom	-	.6
	France	53.9	53.9
	Germany	-	.5
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	165.0	955.8
	United Kingdom	111.6	825.3
	France	8.1	95.2
	Japan	15.2	208.0



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	748	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Japan	459	-	-	3,425	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	305	-	-	922	-	-
Cast .....	United States	46	-	-	342	-	-
	United Kingdom	1,326	-	-	7,227	-	-
	Australia	-	-	-	13	-	-
	France	-	-	-	88	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	62	13	-	786	126	2.0
	United Kingdom	246	-	-	1,019	6	-
	Italy	-	-	-	-	2	-
Seamless cold drawn .....	United States	2	-	5.2	45	4	62.2
	United Kingdom	3	3	-	96	3	1.3
	France	-	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	3	-	-	396	-	-
	United Kingdom	90	-	-	1,071	-	-
	Germany	20	-	-	24	-	-
	Switzerland	21	-	-	366	-	-
Seamless cold drawn, n.e.s.	United States	96	1	18.2	789	40	128.9
	United Kingdom	20	4	4.6	364	9	62.7
	France	-	-	-	-	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Sweden	5	-	11.9	45	-	27.5
Mechanical tubing .....	United States	491	209	13.5	5,348	1,755	39.7
	United Kingdom	19	44	-	201	121	1.8
	Germany	75	4	-	125	27	-
	Japan	-	-	-	3	-	-
	Sweden	-	159	-	-	542	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D., .....	United States	116	9	4.0	636	78	27.2
	United Kingdom	210	-	-	935	5	-
	Japan	-	-	-	84	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	59	-	-	145	3	1.0
	United Kingdom	48	-	-	1,202	-	-
	Germany	14	-	-	14	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	363	-	.2	1,307	2	.4
	United Kingdom	142	-	-	10,487	-	-
	Germany	-	-	-	161	-	-
Over 16" O.D. ....	United States	316	-	-	1,047	-	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	357	-	-	2,462	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	305	-	18.5	1,638	-	97.7
	United Kingdom	405	-	1.0	1,540	-	8.7
	Belgium	615	-	-	815	-	-
	France	856	-	-	3,168	-	-
	Germany	377	-	-	2,545	-	-
	Japan	195	-	-	847	-	-
	Netherlands	8	-	-	22	-	-
	Sweden	1	-	2.6	13	-	5.3
Over 4 1/2" O.D. up to and including 16" O.D..	United States	52	-	17.4	445	2	93.1
	United Kingdom	3	-	-	3	-	-
	France	-	-	-	4	-	-
	Germany	121	-	-	228	-	-
	Sweden	-	-	1.0	-	-	1.0
Over 16" O.D. ....	United States	167	-	-	1,249	5	7.9
	United Kingdom	865	-	-	2,521	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	282	-	-	1,733	-	-
	United Kingdom	116	-	-	730	-	-
	Germany	-	-	-	456	-	-
	Japan	400	-	-	1,896	-	-
Casing:							
J-55 and H-40 .....	United States	180	-	-	469	-	-
	United Kingdom	670	-	-	2,143	-	-
	Germany	31	-	-	387	-	-
	Italy	-	-	-	156	-	-
	Japan	126	-	-	1,573	-	-
All other casing .....	United States	15	-	-	788	-	-
	United Kingdom	290	-	-	819	-	-
	Japan	364	-	-	645	-	-
Conduit .....	United States	28	-	-	195	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
<u>Wire:</u>							
For wire rope .....	United States	1	-	.3	74	-	.4
	United Kingdom	1,333	-	-	6,660	-	-
	Belgium	-	-	-	1	-	-
	Germany	223	-	-	1,708	-	-
	Japan	-	-	-	784	-	-
For springs, cushions, etc. ....	United States	-	-	-	89	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	66	-	-	349	-	-
For corset clasps, dress stays, etc. ....	United States	3	-	-	23	-	-
	United Kingdom	4	-	-	22	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	20	-	4.7	167	-	19.3
	United Kingdom	35	-	-	101	-	-
	Austria	-	-	-	12	-	-
	Belgium	-	-	-	1	-	-
	Germany	-	-	-	7	-	-
	Japan	-	-	-	7	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	291	-	-	740	-	-
	Belgium	30	-	-	135	-	-
	France	-	-	-	205	-	-
	Germany	125	-	-	185	-	-
Galvanized, n.e.s. ....	United States	19	-	-	199	-	-
	United Kingdom	220	-	-	992	-	-
	Austria	7	-	-	128	-	-
	Belgium	60	-	-	224	-	-
	France	23	-	-	287	-	-
	Germany	32	-	-	56	-	-
	Italy	-	-	-	9	-	-
	Japan	104	-	-	538	-	-
Wire, n.e.s. ....	United States	190	2	3.9	734	52	50.2
	United Kingdom	130	-	1.0	906	-	14.9
	Austria	11	-	-	370	-	-
	Belgium	121	-	-	467	-	-
	France	228	-	-	848	-	-
	Germany	78	-	-	650	-	.1
	Japan	194	-	-	1,102	-	1.1
	Netherlands	27	-	-	77	-	-
	Sweden	21	-	12.8	66	-	21.8

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	16	-	2.2	121	-	13.0
	United Kingdom	206	-	-	1,331	-	-
	Belgium	17	-	-	80	-	-
	Denmark	5	-	-	22	-	-
	France	-	-	-	330	-	-
	Germany	34	-	-	358	-	-
	Japan	160	-	-	822	-	-
	Netherlands	48	-	-	344	-	-
	Norway	7	-	-	65	-	-
Sweden	-	-	-	7	-	-	
Welding rods (cut length) .	United States	169	108	22.2	730	530	179.0
	United Kingdom	73	-	-	301	-	-
	Australia	-	-	-	1	-	-
	Austria	-	-	1.0	-	-	6.3
	Japan	-	-	-	1	-	-
	Sweden	-	-	-	10	-	6.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	73	32	1.6	287	86	17.9
	United Kingdom	-	-	-	4	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	-	166	-	16.2
	United Kingdom	396	-	-	757	-	-
	Belgium	550	-	-	1,550	-	-
	Chile	-	-	-	97	-	-
	France	2,196	-	-	5,326	-	-
	Germany	1,122	-	-	2,786	-	3.8
	Japan	104	-	-	1,010	-	-
	Netherlands	-	-	-	221	-	-
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	7	-	-	8	-	-
	Germany	101	-	-	521	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	1,066	-	-	1,712	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....	United States	-	-	-	14	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	July, 1961			Seven months ended July, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	80	-	-	497	-	-
	United Kingdom	-	-	-	2,046	-	-
	Germany	135	-	-	224	-	-
Switch points, guard rails	United States	4	-	-	46	-	-
	United Kingdom	-	-	-	10	-	-
Other railway material:							
Axles .....	United States	-	-	-	9	-	-
	United Kingdom	-	-	-	18	-	-
Steel tires .....	United States	1	-	-	69	-	-
	United Kingdom	12	-	-	40	-	-
Steel wheels .....	United States	-	-	-	47	-	-
	United Kingdom	151	-	-	1,325	-	-
Total imports .....		69,561	2,917	1,166.1	423,332	19,880	6,653.6

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	July, 1961			Seven months ended July, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	27,763	2,472	750.6	212,627	18,279	4,060.8
United Kingdom .....	13,345	196	238.7	85,165	506	1,689.1
Australia .....	253	-	-	267	-	-
Austria .....	18	33	1.0	522	175	13.6
Belgium (1) .....	12,247	-	-	42,681	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	5	-	-	22	-	-
France .....	4,809	-	62.0	20,063	7	285.3
Germany .....	6,166	11	-	31,104	71	4.4
Hong Kong .....	-	-	-	25	-	-
Italy .....	-	-	-	177	2	-
Japan .....	4,750	-	15.2	28,863	-	216.4
Netherlands .....	83	-	-	669	-	-
Norway .....	7	-	-	90	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	94	205	98.6	594	840	384.0
Switzerland .....	21	-	-	366	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	69,561	2,917	1,166.1	423,332	19,880	6,653.6

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	July 1961	Seven months ended July, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	5.8	25.9
Cold rolled bars, n.e.s. ....	United States	-	.6
<u>Structural shapes:</u>			
Wide flange beams ....	United States	102.2	761.3
n.e.s. 3" to 6" ....	United States	2.5	42.0
n.e.s. over 6" ....	United States	53.2	219.6
bar size, n.e.s. ....	United States	-	1.2
<u>Plates:</u>			
60" and under in width ....	United States	64.2	264.8
Over 60" up to and including 100" in width ....	United States	21.2	111.4
	United Kingdom	-	11.3
Over 100" in width ....	United States	-	198.9
<u>Sheets and strip:</u>			
<u>Hot rolled:</u>			
Under 12" in width ....	United States	-	.1
24" to 51" in width ....	United States	29.7	102.3
Over 51" in width ....	United States	355.1	540.9
<u>Cold rolled:</u>			
24" to 51" in width ....	United States	19.9	47.9
Over 51" in width ....	United States	-	24.4
<u>Pipes and tubes:</u>			
Mechanical tubing ....	United States	2.5	9.9
Total High-strength Low Alloy .....		656.3	2,362.5

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	May, 1961	Five months ended May, 1961
	Net tons of 2,000 pounds	
Pig iron .....	44,752	50,719
Sprong iron .....	476	1,281
Steel ingots .....	566	1,701
Blooms, billets, slab steel .....	15,629	67,010
Iron castings, n.e.s. ....	532	3,267
Steel castings .....	183	806
Forgings, n.e.s. ....	864	3,104
Bars steel, hot rolled .....	3,259	18,368
Wire rods steel, hot rolled .....	594	2,988
Bars steel, cold rolled .....	96	1,003
Plate steel .....	580	2,385
Sheets and strip, carbon steel hot rolled ...	6,074	21,984
Sheets and strip steel, n.e.s. ....	11,202	59,056
Structural shapes .....	831	3,891
Rails .....	5,910	24,343
Cast iron pipe .....	5	32
Pipes and tubes iron and steel, n.e.s. ....	3,076	10,563
Total .....	94,629	272,501

(1) Latest Available.

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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# PRIMARY IRON AND STEEL

## AUGUST 1961

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TABLE 1. Description of Iron Blast Furnaces(1) at end of August, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	14	4,293,100	87.5
Banked .....	-	-	-
Blown out .....	3	611,800	12.5
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	August, 1961	Eight months ended August, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	96,178	681,749
From foreign mines .....	174,077	1,320,835
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	125,291	868,147
From foreign mines .....	166,631	1,126,278
From own processing .....	145,817	1,098,929
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	22,153	164,892
Scrap iron and steel .....	5,979	55,921
Limestone .....	72,683	572,289
Dolomite .....	24,435	190,287
Coke .....	291,652	2,154,029

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, August

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	243,743	2,158	368,891	14,126
Foundry (including silvery pig) (2) .....	28,424	22,744	28,422	24,397
Malleable .....	56,597	19,830	40,495	59,361
Total pig iron .....	328,764	44,732	437,808	97,884
Ferro-alloys .....	10,852	11,175	9,367	10,068
Stocks of pig iron on hand at end of month .....	365,400		284,151	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Eight months ended August

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	2,478,191	41,138	2,767,255	103,068
Foundry (including silvery pig) (2) .....	184,614	116,542	229,600	178,379
Malleable .....	277,740	229,284	175,572	207,716
Total pig iron .....	2,940,545	386,964	3,172,427	489,163
Ferro-alloys .....	98,161	90,887	71,341	75,946

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950



TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	August		Eight months ended August	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	252,259	363,383	2,419,715	2,688,532
Scrap - Own make .....	129,765	154,836	1,125,842	1,199,885
Purchased .....	102,217	132,743	938,053	889,495
Total pig iron and scrap .....	484,241	650,962	4,483,610	4,777,912

TABLE 7. Production and Shipments of Steel Ingots and Castings, August

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	373,993	5,634	514,335	11,379
Electric .....	50,507	5,752	51,203	6,797
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots . . . . .	424,500	11,386	565,538	18,176
Alloy steel ingots included in above .....	12,415	190	27,947	674
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	145	166	294	294
Electric .....	6,824	7,063	9,588	9,260
Other .....	-	-	17	27
Total steel castings .....	6,969	7,229	9,899	9,581
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	211	171	159	143
High alloy, manganese and abrasion resistant ...	1,282	1,063	1,451	1,276
All other alloys .....	167	160	397	422
Total alloy castings .....	1,660	1,394	2,007	1,841

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Eight Months Ended August

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	3,542,458	86,286	3,816,186	48,509
Electric .....	438,138	57,735	399,963	58,014
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	3,980,596	144,021	4,216,149	106,523
Alloy steel ingots included in above .....	165,730	5,343	159,947	3,350
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	1,954	2,422	1,907	1,907
Electric .....	65,200	65,752	68,303	69,735
Other .....	-	-	249	240
Total steel castings .....	67,154	68,174	70,459	71,882
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	1,688	1,676	1,591	1,416
High alloy, manganese and abrasion resistant ...	12,377	12,248	10,324	10,248
All other alloys .....	2,108	2,030	3,306	3,117
Total alloy castings .....	16,173	15,954	15,221	14,781

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	August, 1961		Eight months ended August, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	-	103	11	1,056
Automotive industries .....	89	4	980	79
Agricultural, including implement and equipment manufacturers .....	61	-	712	6
Machinery and tools .....	1,296	232	9,621	2,251
Mining, lumbering and quarrying industries .....	603	704	4,913	6,259
Oil and gas, including refineries .....	150	26	821	615
National defence .....	50	2	108	66
Public works and public utilities .....	5	49	119	179
Railway operating .....	4,637	285	33,193	1,621
Railway cars and locomotives .....	696	139	5,393	240
Shipbuilding .....	54	7	333	85
Miscellaneous and unclassified .....	99	290	897	2,324
Total shipments .....	7,740	1,841	57,101	14,781

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....	441,328	9,111	527,228	7,469	534,697
August .....	437,808	9,367	565,538	9,899	575,437
September .....					
October .....					
November .....					
December .....					
Totals .....					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, August

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	13,888	16,987	15,370	19,198
Over 4 1/2" outside diameter (including all sizes of casing) .....	8,664	18,302	45,918	55,763
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,216	5,130	7,401	6,681
Totals .....	27,768	40,419	68,689	81,642
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	50	66	55	84
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	434	478	455	533
Totals .....	484	544	510	617

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Eight Months ended August

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	127,416	120,560	120,299	120,245
Over 4 1/2 " outside diameter (including all sizes of casing) .....	113,023	109,897	300,416	303,142
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	45,984	45,917	48,676	47,461
Totals .....	286,423	276,374	469,391	470,848
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	810	868	516	656
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	3,653	4,001	3,245	3,809
Totals .....	4,463	4,869	3,761	4,465

(1) Included with other.



TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, August, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	23,900	20,284	9,255	11,029
For forging and piercing .....	17,295	17,672	-	17,672
Rails .....	8,621	9,376	-	9,376
Wire rods .....	30,133	28,643	-	28,643
Structural shapes:				
Heavy, including piling .....	21,455	23,547	-	23,547
Light .....	4,295	5,103	-	5,103
Concrete reinforcing bars .....	46,274	47,837	-	47,837
Other hot rolled bars .....	30,571	29,208	1,719	27,489
Tie plates and track material:				
Angle bars .....	7	89	-	89
Tie plates .....	1,095	1,570	-	1,570
Track spikes .....	360	544	-	544
Plates (including plates for pipes and tubes) .....	58,842	59,228	-	59,228
Hot rolled sheets and strip ....	198,106	196,966	126,786	70,180
Total hot rolled products ...	440,954	440,067	137,760	302,307
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,616	2,676	-	2,676
Cold reduced strip .....	3,323	3,151	-	3,151
Cold reduced sheets, tin mill black plate and tin plate ....	144,678	155,337	73,839	81,498
Galvanized sheets .....	36,900	35,700	-	35,700
Total cold rolled and coated .	187,517	196,864	73,839	123,025
Total carbon steel .....	628,471	636,931	211,599	425,332
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	417	562	-	562
Alloy plates .....	167	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	5,999	6,381	23	6,358
Structurals .....	-	-	-	-
Cold finished bars .....	476	473	-	473
Wire rods .....	199	135	-	135
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	1,602	1,677	-	1,677
Total alloy steel .....	8,860	9,228	23	9,205



TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eight Months Ended August, 1961

August, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	173,943	168,841	56,667	112,174
For forging and piercing .....	106,466	105,493	392	105,101
Rails .....	166,867	166,004	-	166,004
Wire rods .....	238,782	238,958	1,582	237,376
Structural shapes:				
Heavy, including piling .....	128,421	127,711	-	127,711
Light .....	44,667	45,923	-	45,923
Concrete reinforcing bars .....	269,803	276,079	505	275,574
Other hot rolled bars .....	224,303	220,122	19,159	200,963
Tie plates and track material:				
Angle bars .....	7,023	7,736	-	7,736
Tie plates .....	42,864	43,811	-	43,811
Track spikes .....	7,164	7,903	-	7,903
Plates (including plates for pipes and tubes) .....	494,219	482,881	1,573	481,308
Hot rolled sheets and strip ....	1,454,060	1,441,111	1,015,144	425,967
Total hot rolled products ..	3,358,582	3,332,573	1,095,022	2,237,551
<u>Cold rolled and coated:</u>				
Cold finished bars .....	21,565	21,700	-	21,700
Cold reduced strip .....	32,161	30,962	565	30,397
Cold reduced sheets, tin mill black plate and tin plate ....	1,022,971	1,049,254	489,021	560,233
Galvanized sheets .....	246,039	232,673	-	232,673
Total cold rolled and coated .	1,322,736	1,334,589	489,586	845,003
Total carbon steel .....	4,681,318	4,667,162	1,584,608	3,082,554
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	6,302	6,162	35	6,127
Alloy plates .....	226	3	-	3
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	49,714	49,620	521	49,099
Structurals .....	-	-	-	-
Cold finished bars .....	4,250	4,120	-	4,120
Wire rods .....	1,235	1,143	-	1,143
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	15,838	16,597	-	16,597
Total alloy steel .....	77,618	77,691	602	77,089

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		August, 1961		Eight months ended August, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	64,067	650	375,156	4,240
5	Direct export:				
	(a) British Commonwealth .....	2,723	400	57,546	5,324
	(b) All other .....	28,683	715	274,158	8,380
6	Automotive industries .....	18,148	4,395	120,083	29,713
7	Agricultural, including implement and equipment manufacturers .....	4,599	68	57,916	1,711
8	Building construction .....	99,881	91	574,762	652
9	Container industry .....	38,543	35	259,181	201
10	Machinery and tools .....	18,515	953	126,766	9,913
11	Merchant trade products .....	30,925	446	284,191	4,960
12	Mining, lumbering, etc. ....	4,705	1,136	38,986	9,152
13	National defence .....	50	25	1,219	282
14	Pressing, forming and stamping .....	19,632	270	146,453	2,079
15	Public works and utilities .....	2,530	-	21,544	-
16	Railway operating .....	10,331	8	180,577	181
17	Railway cars and locomotives .....	2,992	3	29,678	11
18	Shipbuilding .....	4,912	8	42,368	70
19	Pipes and tubes .....	73,591	2	487,207	220
20	Miscellaneous and unclassified .....	505	-	4,763	-
	Net shipments .....	425,332	9,205	3,082,554	77,089

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, August, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	59	67	792	7,053	1,426	14,591	6,315
5.	Direct export:							
	(a) British Commonwealth ....	-	-	132	-	-	867	281
	(b) All other .....	13,892	170	29	-	-	304	1,045
6	Automotive industries .	2,771	-	46	93	20	-	6,900
7	Agricultural, etc. ....	-	-	-	186	146	-	2,136
8	Building construction .	27	267	1,632	13,930	2,481	28,787	2,462
9	Container industry ....	-	-	16	11	9	-	2
10	Machinery and tools ...	877	100	211	378	86	819	4,465
11	Merchant trade .....	381	-	25,686	66	74	-	4,393
12	Mining, lumbering, etc.	91	387	116	398	51	138	3,820
13	National defence .....	-	-	-	-	-	33	16
14	Pressing, forming and stamping .....	34	-	13	-	738	-	573
15	Public works and utilities .....	-	-	105	118	-	1,997	59
16	Railway operating .....	-	8,380	-	292	10	200	319
17	Railway cars and locomotives .....	721	-	-	870	51	-	565
18	Shipbuilding .....	1	5	-	152	11	-	443
19	Pipes and tubes .....	10,409	-	-	-	-	-	2
20	Miscellaneous and unclassified .....	-	-	-	-	-	101	51
	Net shipments .....	29,263	9,376	28,778	23,547	5,103	47,837	33,847

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, August, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1	7,903	8,121	830	135	10,824	6,600	64,717	4
								5
-	-	268	-	-	1,056	519	3,123	(a)
5	689	3,778	-	-	5,798	3,688	29,398	(b)
-	309	6,374	1,155	632	3,639	604	22,543	6
-	338	1,529	99	8	215	10	4,667	7
1,516	15,858	5,144	23	373	6,461	21,011	99,972	8
-	25	89	-	-	38,320	106	38,578	9
-	5,818	3,462	438	554	2,124	136	19,468	10
-	-	43	316	3	377	32	31,371	11
39	248	142	55	-	353	3	5,841	12
-	11	8	3	4	-	-	75	13
-	542	5,333	229	911	8,907	2,622	19,902	14
3	147	-	-	45	56	-	2,530	15
639	257	99	1	-	-	142	10,339	16
-	459	289	-	-	38	2	2,995	17
-	4,215	69	-	-	-	24	4,920	18
-	22,409	37,109	-	157	3,324	183	73,593	19
-	-	-	-	329	6	18	505	20
2,203	59,228	71,857	3,149	3,151	81,498	35,700	434,537	



TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eight Months Ended August, 1961

August, 1961								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	79	523	7,081	35,827	15,440	62,834	36,863
5.	Direct export:							
	(a) British Commonwealth ....	25,419	-	2,688	-	-	12,235	3,903
	(b) All other .....	95,073	36,526	708	1,085	-	11,187	5,586
6	Automotive industries .	13,295	-	60	699	352	1,241	41,341
7	Agricultural, etc. ....	62	-	164	2,934	3,870	-	20,826
8	Building construction .	89	1,059	8,959	69,016	17,130	153,492	19,457
9	Container industry ....	-	-	82	11	9	187	76
10	Machinery and tools ...	6,055	496	1,956	2,612	962	2,815	30,226
11	Merchant trade .....	1,198	-	215,622	961	1,113	13,760	44,877
12	Mining, lumbering, etc.	1,191	3,661	607	2,373	309	1,137	27,642
13	National defence .....	-	-	-	111	39	120	323
14	Pressing, forming and stamping .....	212	-	118	565	5,454	3	5,775
15	Public works and utilities .....	-	3	236	2,489	50	15,762	604
16	Railway operating .....	32	123,731	234	773	274	535	4,432
17	Railway cars and locomotives .....	5,755	-	-	5,964	515	-	5,152
18	Shipbuilding .....	10	5	-	2,268	258	51	2,330
19	Pipes and tubes .....	74,932	-	-	-	10	-	107
20	Miscellaneous and unclassified .....	-	-	4	23	138	215	542
	Net shipments .....	223,402	166,004	238,519	127,711	45,923	275,574	250,062

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.



TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eight Months Ended August, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
56	55,997	51,894	7,106	1,863	62,421	41,412	379,396	4
								5
-	1,288	4,542	124	29	5,718	6,924	62,870	(a)
11,138	9,402	38,039	35	98	45,542	28,119	282,538	(b)
-	2,114	46,441	6,686	6,004	28,391	3,172	149,796	6
-	3,222	15,691	3,506	171	6,359	2,822	59,627	7
1,617	97,875	40,984	202	2,676	38,396	124,462	575,414	8
-	40	1,739	5	46	256,361	826	259,382	9
123	37,751	25,747	3,225	5,783	15,513	3,415	136,679	10
-	148	4,965	2,599	185	3,436	287	289,151	11
681	5,020	2,379	476	20	2,287	355	48,138	12
-	312	210	76	310	-	-	1,501	13
-	4,234	38,342	1,724	6,298	69,477	16,330	148,532	14
11	1,492	370	-	195	332	-	21,544	15
45,821	2,979	1,178	25	-	67	677	180,758	16
2	5,417	4,899	2	-	486	1,497	29,689	17
1	36,155	960	5	-	84	311	42,438	18
-	217,702	164,156	2	4,233	24,641	1,644	487,427	19
-	163	28	22	2,486	722	420	4,763	20
59,450	481,311	442,564	25,820	30,397	560,233	232,673	3,159,643	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	16	-	-	147	-	-
	United Kingdom	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	-	-	259	113	37.4
Billets, blooms, slabs and sheet bars .....	United States	-	149	45.3	214	278	371.7
	United Kingdom	121	-	-	322	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	815	266	13.3	7,686	2,366	98.9
	United Kingdom	339	25	21.5	1,580	252	149.1
	Austria	-	6	-	-	19	5.0
	Belgium	2,195	-	-	6,852	-	-
	France	433	-	-	733	-	-
	Germany	169	-	-	2,468	2	-
	Hong Kong	-	-	-	25	-	-
	Japan	99	-	-	769	-	-
	Sweden	-	-	-	31	8	22.2
Hot rolled bars for agricultural implements ..	United States	345	37	-	1,757	151	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	63	1	.2	552	66	1.6
	United Kingdom	13	11	-	383	11	2.1
Concrete reinforcing bars .	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	2,859	-	-	12,667	-	-
	France	483	-	-	2,933	-	-
	Germany	1,203	-	-	7,174	-	-
	Japan	42	-	-	2,651	-	-
Sash or casement sections .	United States	125	-	-	761	-	-
	United Kingdom	31	-	-	296	-	-
	Belgium	37	-	-	255	-	-
Cold rolled bars, n.e.s. ..	United States	89	21	8.6	665	275	109.0
	United Kingdom	424	2	6.4	2,803	2	62.3
	Austria	-	-	-	-	-	2.3
	Belgium	25	-	-	182	-	-
	Germany	-	-	-	-	8	-
	Japan	-	-	-	117	-	-
	Sweden	-	-	-	8	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements	United States	-	-	-	238	19	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	1	84	-	1,351	600	-
	United Kingdom	8	43	-	121	159	-
	Austria	-	22	-	12	184	-
	France	-	-	-	-	4	-
	Germany	-	-	-	-	34	-
	Sweden	1	22	-	13	193	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	8,800	-	-	95,010	-	-
	United Kingdom	1,656	-	-	14,303	-	-
	Belgium	1,201	-	-	8,369	-	-
	Germany	913	-	-	4,046	-	-
Sheet piling .....	United States	407	-	-	1,589	-	-
	United Kingdom	-	-	-	358	-	-
	Belgium	-	-	-	899	-	-
	France	-	-	-	52	-	-
	Germany	-	-	-	540	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	781	-	5.6	5,326	-	16.8
	United Kingdom	4	-	-	427	-	.9
	Australia	-	-	-	253	-	-
	Belgium	1,757	-	-	7,085	-	-
	France	368	-	-	3,525	-	-
	Germany	128	-	-	417	-	-
	Japan	-	-	-	437	-	-
	Norway	-	-	-	25	-	-
Structurals, n.e.s. over 6" .....	United States	1,413	-	-	10,888	-	-
	United Kingdom	188	-	-	2,548	-	-
	Belgium	1,105	-	-	3,929	-	-
	France	261	-	-	2,206	-	-
	Germany	-	-	-	160	-	-
	Japan	110	-	-	330	-	-
Bar size structurals, n.e.s. ....	United States	257	-	9.0	1,456	-	61.0
	United Kingdom	75	-	.2	382	-	5.5
	Belgium	2,453	-	-	8,984	-	-
	France	252	-	-	1,840	-	-
	Germany	443	-	-	3,457	-	-
	Japan	-	-	-	220	-	-
	Sweden	-	-	-	-	-	33.4

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	96	-	-	681	-	-
<u>Plates:</u>							
60" and under in width ....	United States	160	41	53.4	2,173	710	313.6
	United Kingdom	20	-	48.0	1,945	-	202.4
	Belgium	191	-	-	736	-	-
	France	-	-	-	-	-	69.9
	Germany	307	-	-	1,625	-	-
	Japan	326	-	-	3,628	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	-	-	-	38.2
Over 60" up to and including 100" in width .	United States	954	143	75.1	3,911	1,727	295.4
	United Kingdom	203	-	-	6,436	-	1.1
	Belgium	-	-	-	15	-	-
	France	-	-	-	-	-	22.9
	Germany	321	-	-	3,629	-	-
	Japan	179	-	-	6,082	-	-
	Sweden	-	-	-	-	-	25.3
Over 100" in width .....	United States	271	1	30.1	3,152	64	52.1
	United Kingdom	39	-	-	921	-	-
	Japan	-	-	-	53	-	-
Flanged or dished .....	United States	149	-	6.9	1,798	3	44.2
Floor plate .....	United States	295	-	-	3,245	6	.4
	United Kingdom	115	-	-	1,137	-	-
	Belgium	21	-	-	29	-	-
	Germany	-	-	-	70	-	-
	Japan	191	-	-	761	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	367	1	-	3,086	33	-
	United Kingdom	37	-	-	326	-	-
	Belgium	365	-	-	1,365	-	-
	France	24	-	-	312	-	-
	Germany	5	-	-	124	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961		Eight months ended August, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not in- cluding 24" in width .....	United States	-	16	496	72
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	136	12	1,670	120
	United Kingdom	1	-	17	1
	Belgium	5	-	97	-
	Germany	64	-	89	-
	Japan	44	-	921	-
Over 51" in width .....	United States	933	4	6,307	245
	United Kingdom	-	-	6	-
	Germany	-	-	30	-
	Japan	-	-	336	-
Cold rolled:					
Under 24" in width .....	United States	292	4	2,586	38
	United Kingdom	89	-	339	-
	Belgium	5	-	71	-
	Germany	58	-	384	-
	Japan	-	-	24	-
	Netherlands	-	-	4	-
Sweden	57	-	455	2	
24" to 51" in width .....	United States	60	-	1,415	1
	United Kingdom	53	-	365	-
Over 51" in width .....	United States	806	-	7,130	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	976	-	5,837	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	176	-	815	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	995	-	6,458	-
	United Kingdom	15	-	210	-
	Germany	-	-	3	-
	Japan	1	-	1	-
Asbestos bonded (includes galvanized & corrugated).	United States	76	-	409	-
	United Kingdom	5	-	135	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961		Eight months ended August, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	51	-	438 <sup>r</sup>	-
	United Kingdom	9	-	16	-
	Germany	-	-	51	-
Electro galvanized .....	United States	103	-	1,175	-
	United Kingdom	3	-	22	-
Galvanized n.e.s. ....	United States	260	-	1,548	-
	United Kingdom	-	-	55	-
	Belgium	-	-	88	-
	Japan	4	-	94	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,087	-	9,517
	United Kingdom	-	-	-	11
Electrical n.e.s. ....	United States	-	206	-	721
	United Kingdom	-	1	-	1
Saw steel .....	United States	12	144	180	686
	United Kingdom	-	1	-	8
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	115	11	116	124
Hot rolled wasters .....	United States	363	-	1,471	-
	United Kingdom	-	-	17	-
Cold rolled wasters .....	United States	582	-	2,105	-
	United Kingdom	28	-	50	-
Black plate .....	United States	3	-	16	-
Tin plate primes .....	United States	17	-	510	-
	United Kingdom	72	-	134	-
Tin plate electrolytic ....	United States	27	-	210	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate primes .....	United States	531	-	3,829 <sup>r</sup>	-
	United Kingdom	-	-	-	-
Terne plate seconds .....	United States	-	-	-	-
	United Kingdom	151	-	608 <sup>r</sup>	-
Strip for hoop .....	United States	49	-	394	-
	United Kingdom	30	-	79	-
	Belgium	2	-	4	-
	Japan	-	-	122	-

<sup>r</sup> Revised

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961	Eight months ended August, 1961
		Stainless	Stainless
net tons of 2,000 pounds			
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	2.2	8.9
	United Kingdom	-	8.3
Under 24" in width lighter than 18 gauge .	United States	-	9.5
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	20.0	80.9
	United Kingdom	58.2	402.4
	France	-	-
	Japan	-	2.5
	Sweden	23.5	201.5
24" up to and including 51" in width, lighter than 18 gauge .....	United States	1.4	27.4
	United Kingdom	38.3	108.9
	Sweden	-	.4
Over 51" in width 18 gauge and heavier .....	United States	2.0	23.5
	United Kingdom	-	3.1
	Sweden	-	21.7
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	27.5	243.3
	United Kingdom	-	.3
Under 24" in width lighter than 18 gauge .	United States	169.7	1,023.6
	United Kingdom	-	.6
	France	-	53.9
	Germany	-	.5
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	145.6	1,101.4
	United Kingdom	138.8	964.1
	France	-	95.2
	Japan	7.9	215.9

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	585	-	-	1,333	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Japan	-	-	-	3,425	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	22	-	-	944	-	-
	Germany	51	-	-	51	-	-
Cast .....	United States	43	-	-	385	-	-
	United Kingdom	1,674	-	-	8,901	-	-
	Australia	-	-	-	13	-	-
	France	-	-	-	88	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	37	2	2.1	823	128	4.1
	United Kingdom	-	-	-	1,019	6	-
	France	6	-	-	6	-	-
	Italy	172	-	-	172	2	-
Seamless cold drawn .....	United States	6	-	.5	51	4	62.7
	United Kingdom	-	-	-	96	3	1.3
	France	-	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
Pipes and tubes - Continued:							
For pressure parts of boilers:							
Welded .....	United States	24	-	-	420	-	-
	United Kingdom	91	-	-	1,162	-	-
	Germany	-	-	-	24	-	-
	Switzerland	82	-	-	448	-	-
Seamless cold drawn, n.e.s.	United States	180	3	11.4	969	43	140.3
	United Kingdom	11	-	5.8	375	9	68.5
	France	-	-	-	-	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Japan	13	-	-	13	-	-
	Sweden	36	-	1.3	81	-	28.8
Mechanical tubing .....	United States	550	450	1.2	5,898	2,205	40.9
	United Kingdom	47	-	-	248	121	1.8
	Germany	6	31	-	131	58	-
	Japan	-	-	-	3	-	-
	Sweden	-	11	-	-	553	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D, .....	United States	60	30	3.2	696	108	30.4
	United Kingdom	3	31	-	938	36	-
	Japan	48	-	-	132	-	-
	Sweden	-	-	-	3	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	4	1	-	149	4	1.0
	United Kingdom	-	-	-	1,202	-	-
	Germany	-	-	-	14	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	459	-	-	1,766	2	.4
	United Kingdom	693	-	-	11,180	-	-
	Germany	851	-	-	1,012	-	-
Over 16" O.D. ....	United States	175	-	-	1,222	-	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	340	-	-	2,802	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	326	-	10.9	1,964	-	108.6
	United Kingdom	446	-	-	1,986	-	8.7
	Belgium	-	-	-	815	-	-
	France	409	-	-	3,577	-	-
	Germany	400	-	-	2,945	-	-
	Japan	172	-	-	1,019	-	-
	Netherlands	6	-	-	28	-	-
	Sweden	-	-	-	13	-	5.3
Over 4 1/2" O.D. up to and including 16" O.D..	United States	133	-	10.9	578	2	104.0
	United Kingdom	-	-	-	3	-	-
	France	-	-	-	4	-	-
	Germany	641	-	-	869	-	-
	Sweden	-	-	-	-	-	1.0
Over 16" O.D. ....	United States	56	-	-	1,305	5	7.9
	United Kingdom	-	-	-	2,521	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	157	-	-	1,890	-	-
	United Kingdom	170	-	-	900	-	-
	Germany	-	-	-	456	-	-
	Japan	313	-	-	2,209	-	-
Casing:							
J-55 and H-40 .....	United States	415	-	-	884	-	-
	United Kingdom	577	-	-	2,720	-	-
	France	97	-	-	97	-	-
	Germany	-	-	-	387	-	-
	Italy	-	-	-	156	-	-
	Japan	38	-	-	1,611	-	-
All other casing .....	United States	285	-	-	1,073	-	-
	United Kingdom	-	-	-	819	-	-
	Japan	-	-	-	645	-	-
Conduit .....	United States	7	-	-	202	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	-	-	.8	74	-	1.2
	United Kingdom	921	-	-	7,581	-	-
	Belgium	-	-	-	1	-	-
	Germany	462	-	-	2,170	-	-
	Japan	145	-	-	929	-	-
For springs, cushions, etc. ....	United States	-	-	-	89	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	114	-	-	463	-	-
For corset clasps, dress stays, etc. ....	United States	1	-	-	24	-	-
	United Kingdom	3	-	-	25	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	16	-	1.9	183	-	21.2
	United Kingdom	35	-	-	136	-	-
	Austria	-	-	-	12	-	-
	Belgium	6	-	-	7	-	-
	Germany	-	-	-	7	-	-
	Japan	5	-	-	12	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	122	-	-	862	-	-
	Belgium	-	-	-	135	-	-
	France	-	-	-	205	-	-
	Germany	-	-	-	185	-	-
Galvanized, n.e.s. ....	United States	5	-	-	204	-	-
	United Kingdom	108	-	-	1,100	-	-
	Austria	29	-	-	157	-	-
	Belgium	20	-	-	244	-	-
	France	102	-	-	389	-	-
	Germany	20	-	-	76	-	-
	Italy	-	-	-	9	-	-
	Japan	182	-	-	720	-	-
Wire, n.e.s. ....	United States	201	6	3.8	935	58	54.0
	United Kingdom	117	-	2.2	1,023	-	17.1
	Austria	34	-	-	404	-	-
	Belgium	105	-	-	572	-	-
	France	64	-	-	912	-	-
	Germany	2	-	-	652	-	.1
	Japan	75	-	-	1,177	-	1.1
	Netherlands	85	-	-	162	-	-
	Sweden	-	-	-	66	-	21.8

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	27	-	1.7	148	-	14.7
	United Kingdom	240	-	-	1,571	-	-
	Belgium	17	-	-	97	-	-
	Denmark	3	-	-	25	-	-
	France	77	-	-	407	-	-
	Germany	132	-	-	490	-	-
	Japan	339	-	-	1,161	-	-
	Netherlands	39	-	-	383	-	-
	Norway	22	-	-	87	-	-
Sweden	-	-	-	7	-	-	
Welding rods (cut length) .	United States	76	83	19.6	806	613	198.6
	United Kingdom	98	2	-	399	2	-
	Australia	-	-	-	1	-	-
	Austria	-	-	.1	-	-	6.4
	Germany	-	-	.7	-	-	.7
	Japan	-	-	-	1	-	-
	Sweden	-	-	-	10	-	6.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	21	8	3.0	308	94	20.9
	United Kingdom	3	-	-	7	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	-	166	-	16.2
	United Kingdom	4	-	-	761	-	-
	Belgium	-	-	-	1,550	-	-
	Chile	-	-	-	97	-	-
	France	3,947	-	-	9,273	-	-
	Germany	556	-	-	3,342	-	3.8
	Japan	378	-	-	1,388	-	-
	Netherlands	-	-	-	221	-	-
<hr/>							
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	-	-	-	8	-	-
	Germany	65	-	-	586	-	-
	Japan	20	-	-	20	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	249	-	-	1,961	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....	United States	-	-	-	14	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	August, 1961			Eight months ended August, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	23	-	-	520	-	-
	United Kingdom	-	-	-	2,046	-	-
	Germany	2	-	-	226	-	-
Switch points, guard rails	United States	-	-	-	46	-	-
	United Kingdom	-	-	-	10	-	-
Other railway material:							
Axles .....	United States	-	-	-	9	-	-
	United Kingdom	-	-	-	18	-	-
Steel tires .....	United States	-	-	-	69	-	-
	United Kingdom	-	-	-	40	-	-
Steel wheels .....	United States	-	-	-	47	-	-
	United Kingdom	43	-	-	1,368	-	-
Total imports .....		64,680	3,019	1039.8	488,012	22,899	7693.4

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	August, 1961			Eight months ended August, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	25,750	2,800	686.9	237,997 <sup>r</sup>	21,079	4747.7
United Kingdom .....	9,720	116	319.4	95,265 <sup>r</sup>	622	2008.5
Australia .....	-	-	-	267	-	-
Austria .....	63	28	.1	585	203	13.7
Belgium (1) .....	12,369	-	-	55,050	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	3	-	-	25	-	-
France .....	6,523	-	-	26,586	7	285.3
Germany .....	6,799	31	.7	37,903	102	5.1
Hong Kong .....	-	-	-	25	-	-
Italy .....	172	-	-	349	2	-
Japan .....	2,838	-	7.9	31,701	-	224.3
Netherlands .....	130	-	-	799	-	-
Norway .....	22	-	-	112	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	209	44	24.8	803	884	408.8
Switzerland .....	82	-	-	448	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	64,680	3,019	1039.8	488,012	22,899	7693.4

(1) Includes Luxembourg

<sup>r</sup> Revised.

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	August 1961	Eight months ended August, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	.2	26.1
Cold rolled bars, n.e.s. ....	United States	-	.6
<u>Structural shapes:</u>			
Wide flange beams .....	United States	67.4	828.7
n.e.s. 3" to 6" .....	United States	22.6	64.6
n.e.s. over 6" .....	United States	9.5	229.1
bar size, n.e.s. ....	United States	.1	1.3
<u>Plates:</u>			
60" and under in width .....	United States	.4	265.2
Over 60" up to and including 100" in width .....	United States	9.9	121.3
	United Kingdom	-	11.3
Over 100" in width .....	United States	131.0	329.9
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width .....	United States	-	.1
24" to 51" in width .....	United States	34.8	137.1
Over 51" in width .....	United States	29.9	570.8
Cold rolled:			
24" to 51" in width .....	United States	-	47.9
Over 51" in width .....	United States	-	24.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	9.9
Total High-strength Low Alloy .....		305.8	2,668.3

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	May, 1961	Five months ended May, 1961
	Net tons of 2,000 pounds	
Pig iron .....	44,752	50,719
Sprong iron .....	476	1,281
Steel ingots .....	566	1,701
Blooms, billets, slab steel .....	15,629	67,010
Iron castings, n.e.s. ....	532	3,267
Steel castings .....	183	806
Forgings, n.e.s. ....	864	3,104
Bars steel, hot rolled .....	3,259	18,368
Wire rods steel, hot rolled .....	594	2,988
Bars steel, cold rolled .....	96	1,003
Plate steel .....	580	2,385
Sheets and strip, carbon steel hot rolled ..	6,074	21,984
Sheets and strip steel, n.e.s. ....	11,202	59,056
Structural shapes .....	831	3,891
Rails .....	5,910	24,343
Cast iron pipe .....	5	32
Pipes and tubes iron and steel, n.e.s. ....	3,076	10,563
Total .....	94,629	272,501

(1) Latest Available.

Note: Data in above Table were compiled from Customs' export entries received by the External Trade Section and are therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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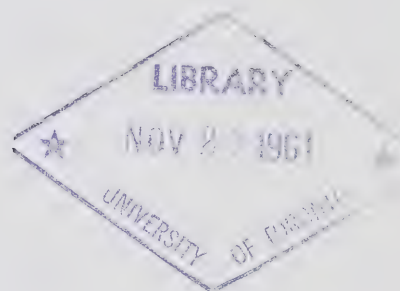
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MONTHLY



CANADA

PRIMARY IRON AND STEEL  
SEPTEMBER 1961



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TABLE 1. Description of Iron Blast Furnaces(1) at end of September, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	13	4,055,800	82.7
Banked .....	-	-	-
Blown out .....	4	849,100	17.3
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	September, 1961	Nine months ended September, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	73,268	755,017
From foreign mines .....	173,949	1,494,784
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	127,357	995,504
From foreign mines .....	169,397	1,295,675
From own processing .....	156,921	1,255,850
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	20,685	185,577
Scrap iron and steel .....	7,230	63,151
Limestone .....	61,568	633,857
Dolomite .....	18,712	208,999
Coke .....	283,544	2,437,573

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, September

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	267,369	16,510	365,854	10,666
Foundry (including silvery pig) (2) .....	18,755	24,462	28,222	25,613
Malleable .....	55,662	42,778	47,092	39,012
Total pig iron .....	341,786	83,750	441,168	75,291
Ferro-alloys .....	8,878	11,359	10,752	13,157
Stocks of pig iron on hand at end of month .....	351,652		302,929	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Nine Months Ended September

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	2,745,560	57,648	3,133,109	113,734
Foundry (including silvery pig) (2) .....	203,369	141,004	257,822	203,992
Malleable .....	333,402	272,062	222,664	246,728
Total pig iron .....	3,282,331	470,714	3,613,595	564,454
Ferro-alloys .....	107,039	102,246	82,093	89,103

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	September		Nine months ended September	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	269,221	345,372	2,688,936	3,033,904
Scrap - Own make .....	133,727	153,057	1,259,569	1,352,942
Purchased .....	95,976	134,961	1,034,029	1,024,456
Total pig iron and scrap .....	498,924	633,390	4,982,534	5,411,302

TABLE 7. Production and Shipments of Steel Ingots and Castings, September

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	391,073	2,728	492,975	29,607
Electric .....	51,565	7,148	59,589	28,354
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	442,638	9,876	552,564	57,961
Alloy steel ingots included in above .....	18,590	445	23,734	920
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	134	134	166	166
Electric .....	7,800	6,483	9,553	8,191
Other .....	3	3	23	34
Total steel castings .....	7,937	6,620	9,742	8,391
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	220	209	249	224
High alloy, manganese and abrasion resistant ...	1,575	1,372	1,601	1,491
All other alloys .....	494	342	454	413
Total alloy castings .....	2,289	1,923	2,304	2,128

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Nine Months Ended September

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	3,933,531	89,014	4,309,161	78,116
Electric .....	489,703	64,883	471,716 <sup>r</sup>	86,368
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	4,423,234	153,897	4,780,877	164,484
Alloy steel ingots included in above .....	184,320	5,788	179,945 <sup>r</sup>	4,270
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	2,088	2,556	2,073	2,073
Electric .....	73,000	72,235	77,856	77,926
Other .....	3	3	272	274
Total steel castings .....	75,091	74,794	80,201	80,273
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant .....	1,908	1,885	1,840	1,640
High alloy, manganese and abrasion resistant ...	13,952	13,620	11,925	11,739
All other alloys .....	2,602	2,372	3,760	3,530
Total alloy castings .....	18,462	17,877	17,525	16,909

(1) Includes amounts for sale and for own use.

<sup>r</sup> Revised.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	September, 1961		Nine months ended September, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	-	-
All other .....	2	183	13	1,239
Automotive industries .....	114	5	1,094	84
Agricultural, including implement and equipment manufacturers .....	69	1	781	7
Machinery and tools .....	1,361	334	10,982	2,585
Mining, lumbering and quarrying industries .....	704	869	5,617	7,128
Oil and gas, including refineries .....	72	77	893	692
National defence .....	10	10	118	76
Public works and public utilities .....	1	7	120	186
Railway operating .....	3,039	189	36,232	1,810
Railway cars and locomotives .....	733	90	6,126	330
Shipbuilding .....	45	8	378	93
Miscellaneous and unclassified .....	113	355	1,010	2,679
Total shipments .....	6,263	2,128	63,364	16,909

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....	441,328	9,111	531,868 <sup>r</sup>	7,469	539,337 <sup>r</sup>
August .....	437,808	9,367	573,062 <sup>r</sup>	9,899	582,961 <sup>r</sup>
September .....	441,168	10,752	552,564	9,742	562,306
October .....					
November .....					
December .....					
Totals .....					

<sup>r</sup> Revised figures.



TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, September

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	13,930	15,554	17,667	16,321
Over 4 1/2" outside diameter (including all sizes of casing) .....	19,493	14,853	35,178	38,706
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,451	5,148	7,208	5,985
Totals .....	39,874	35,555	60,053	61,012
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	55	69	84	112
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	566	560	503	605
Totals .....	621	629	587	717

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Nine months ended September

	1960		1961	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	141,346	136,114	137,966	136,566
Over 4 1/2 " outside diameter (including all sizes of casing) .....	132,516	124,750	335,594	341,848
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	52,435	51,065	55,884	53,446
Totals .....	326,297	311,929	529,444	531,860
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	865	937	600	768
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	4,219	4,561	3,748	4,414
Totals .....	5,084	5,498	4,348	5,182

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, September, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	17,758	17,497	7,749	9,748
For forging and piercing .....	15,715	16,132	-	16,132
Rails .....	6,188	1,922	-	1,922
Wire rods .....	28,994	30,598	-	30,598
Structural shapes:				
Heavy, including piling .....	29,963	28,556	-	28,556
Light .....	7,191	5,634	-	5,634
Concrete reinforcing bars .....	50,913	40,709	-	40,709
Other hot rolled bars .....	26,971	26,220	2,285	23,935
Tie plates and track material:				
Angle bars .....	-	62	-	62
Tie plates .....	-	18	-	18
Track spikes .....	485	280	-	280
Plates (including plates for pipes and tubes) .....	52,950	52,004	-	52,004
Hot rolled sheets and strip ....	185,790	183,995	127,258	56,737
Total hot rolled products ..	422,918	403,627	137,292	266,335
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,287	2,365	-	2,365
Cold reduced strip .....	4,852	4,166	44	4,122
Cold reduced sheets, tin mill black plate and tin plate ....	130,127	131,055	60,280	70,775
Galvanized sheets .....	30,095	31,018	-	31,018
Total cold rolled and coated .	167,361	168,604	60,324	108,280
Total carbon steel .....	590,279	572,231	197,616	374,615
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	815	811	-	811
Alloy plates .....	182	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	7,197	6,835	151	6,684
Structurals .....	-	-	-	-
Cold finished bars .....	534	412	-	412
Wire rods .....	175	203	-	203
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	1,937	1,948	-	1,948
Total alloy steel .....	10,840	10,209	151	10,058

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Nine Months ended September, 1961

September, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	191,701	186,338	64,416	121,922
For forging and piercing .....	122,181	121,625	392	121,233
Rails .....	173,055	167,926	-	167,926
Wire rods .....	267,776	269,556	1,582	267,974
Structural shapes:				
Heavy, including piling .....	158,384	156,267	-	156,267
Light .....	51,858	51,557	-	51,557
Concrete reinforcing bars .....	320,716	316,788	505	316,283
Other hot rolled bars .....	251,274	246,342	21,444	224,898
Tie plates and track material:				
Angle bars .....	7,023	7,798	-	7,798
Tie plates .....	42,864	43,829	-	43,829
Track spikes .....	7,649	8,183	-	8,183
Plates (including plates for pipes and tubes) .....	547,169	534,885	1,573	533,312
Hot rolled sheets and strip ....	1,639,850	1,625,106	1,142,402	482,704
Total hot rolled products ..	3,781,500	3,736,200	1,232,314	2,503,886
<u>Cold rolled and coated:</u>				
Cold finished bars .....	23,852	24,065	-	24,065
Cold reduced strip .....	37,013	35,128	609	34,519
Cold reduced sheets, tin mill black plate and tin plate ....	1,153,098	1,180,309	549,301	631,008
Galvanized sheets .....	276,134	263,691	-	263,691
Total cold rolled and coated .	1,490,097	1,503,193	549,910	953,283
Total carbon steel .....	5,271,597	5,239,393	1,782,224	3,457,169
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	7,117	6,973	35	6,938
Alloy plates .....	408	3	-	3
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	56,911	56,455	672	55,783
Structurals .....	-	-	-	-
Cold finished bars .....	4,784	4,532	-	4,532
Wire rods .....	1,410	1,346	-	1,346
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	17,775	18,545	-	18,545
Total alloy steel .....	88,458	87,900	753	87,147

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		September, 1961		Nine months ended September, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	57,504	630	432,660	4,870
5	Direct export:				
	(a) British Commonwealth .....	1,825	242	59,371	5,566
	(b) All other .....	23,557	937	297,715	9,317
6	Automotive industries .....	21,042	4,438	141,125	34,151
7	Agricultural, including implement and equipment manufacturers .....	5,538	174	63,454	1,885
8	Building construction .....	90,126	85	664,888	737
9	Container industry .....	27,291	53	286,472	254
10	Machinery and tools .....	15,872	1,438	142,638	11,351
11	Merchant trade products .....	31,781	515	315,972	5,475
12	Mining, lumbering, etc. ....	4,720	1,232	43,706	10,384
13	National defence .....	24	56	1,243	338
14	Pressing, forming and stamping .....	19,662	252	166,115	2,331
15	Public works and utilities .....	1,792	-	23,336	-
16	Railway operating .....	2,238	2	182,815	183
17	Railway cars and locomotives .....	3,296	-	32,974	11
18	Shipbuilding .....	5,771	2	48,139	72
19	Pipes and tubes .....	61,755	2	548,962	222
20	Miscellaneous and unclassified .....	821	-	5,584	-
	Net shipments .....	374,615	10,058	3,457,169	87,147

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, September, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	172	116	970	7,733	1,516	11,729	6,423
5.	Direct export:							
	(a) British Commonwealth ....	-	-	268	-	-	531	145
	(b) All other .....	9,962	-	15	-	5	273	1,017
6	Automotive industries .	2,933	-	306	20	130	-	6,795
7	Agricultural, etc. ....	-	-	24	308	389	-	2,798
8	Building construction .	-	29	1,294	17,303	2,931	26,539	1,782
9	Container industry ....	-	-	18	-	-	-	18
10	Machinery and tools ...	1,092	50	344	534	128	168	3,521
11	Merchant trade .....	361	-	27,283	58	26	-	2,768
12	Mining, lumbering, etc.	143	314	78	773	90	50	3,592
13	National defence .....	-	-	-	-	-	7	34
14	Pressing, forming and stamping .....	13	-	34	13	360	1	456
15	Public works and utilities .....	-	-	159	81	4	1,306	41
16	Railway operating .....	-	1,408	8	140	10	-	160
17	Railway cars and locomotives .....	274	-	-	1,103	23	-	562
18	Shipbuilding .....	-	5	-	490	22	-	376
19	Pipes and tubes .....	11,741	-	-	-	-	-	-
20	Miscellaneous and unclassified .....	-	-	-	-	-	105	131
	Net shipments .....	26,691	1,922	30,801	28,556	5,634	40,709	30,619

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, September, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
-	5,441	7,833	624	208	8,618	6,751	58,134	4
								5
-	-	185	1	-	684	253	2,067	(a)
1	565	2,750	4	-	6,018	3,884	24,494	(b)
-	253	7,532	836	1,228	4,792	655	25,480	6
-	415	1,346	208	23	179	22	5,712	7
-	12,030	5,277	23	171	6,295	16,537	90,211	8
-	-	200	-	-	27,036	72	27,344	9
1	4,422	3,182	380	294	2,932	262	17,310	10
-	689	91	362	45	520	93	32,296	11
6	202	378	41	-	260	25	5,952	12
	-	10	25	4	-	-	80	13
-	581	5,308	266	1,569	9,129	2,184	19,914	14
8	107	20	-	-	66	-	1,792	15
343	62	74	2	-	14	19	2,240	16
-	585	710	2	-	-	37	3,296	17
1	4,825	53	1	-	-	-	5,773	18
-	21,827	23,736	2	45	4,208	198	61,757	19
-	-	-	-	535	24	26	821	20
360	52,004	58,685	2,777	4,122	70,775	31,018	384,673	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Nine Months Ended September, 1961

September, 1961								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	251	639	8,051	43,560	16,956	74,563	43,286
5	Direct export:							
	(a) British Commonwealth ....	25,419	-	2,956	-	-	12,766	4,048
	(b) All other .....	105,035	36,526	723	1,085	5	11,460	6,603
6	Automotive industries .	16,228	-	366	719	482	1,241	48,136
7	Agricultural, etc. ....	62	-	188	3,242	4,259	-	23,624
8	Building construction .	89	1,088	10,253	86,319	20,061	180,031	21,239
9	Container industry ....	-	-	100	11	9	187	94
10	Machinery and tools ...	7,147	546	2,300	3,146	1,090	2,983	33,747
11	Merchant trade .....	1,559	-	242,905	1,019	1,139	13,760	47,645
12	Mining, lumbering, etc.	1,334	3,975	685	3,146	399	1,187	31,234
13	National defence .....	-	-	-	111	39	127	357
14	Pressing, forming and stamping .....	225	-	152	578	5,814	4	6,231
15	Public works and utilities .....	-	3	395	2,570	54	17,068	645
16	Railway operating .....	32	125,139	242	913	284	535	4,592
17	Railway cars and locomotives .....	6,029	-	-	7,067	538	-	5,714
18	Shipbuilding .....	10	10	-	2,758	280	51	2,706
19	Pipes and tubes .....	86,673	-	-	-	10	-	107
20	Miscellaneous and unclassified .....	-	-	4	23	138	320	673
	Net shipments .....	250,093	167,926	269,320	156,267	51,557	316,283	280,681

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Nine Months ended September, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
56	61,438	59,727	7,730	2,071	71,039	48,163	437,530	4
								5
-	1,288	4,727	125	29	6,402	7,177	64,937	(a)
11,139	9,967	40,789	39	98	51,560	32,003	307,032	(b)
-	2,367	53,973	7,522	7,232	33,183	3,827	175,276	6
-	3,637	17,037	3,714	194	6,538	2,844	65,339	7
1,617	109,905	46,261	225	2,847	44,691	140,999	665,625	8
-	40	1,939	5	46	283,397	898	286,726	9
124	42,173	28,929	3,605	6,077	18,445	3,677	153,989	10
-	837	5,056	2,961	230	3,956	380	321,447	11
687	5,222	2,757	517	20	2,547	380	54,090	12
-	312	220	101	314	-	-	1,581	13
-	4,815	43,650	1,990	7,867	78,606	18,514	168,446	14
19	1,599	390	-	195	398	-	23,336	15
46,164	3,041	1,252	27	-	81	696	182,998	16
2	6,002	5,609	4	-	486	1,534	32,985	17
2	40,980	1,013	6	-	84	311	48,211	18
-	239,529	187,892	4	4,278	28,849	1,842	549,184	19
-	163	28	22	3,021	746	446	5,584	20
59,810	533,315	501,249	28,597	34,519	631,008	263,691	3,544,316	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	147	-	-
	United Kingdom	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	22	4	4.1	281	117	41.5
Billets, blooms, slabs and sheet bars .....	United States	-	-	8.7	214	278	380.4
	United Kingdom	-	-	-	322	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	1,443	866	10.0	9,129	3,232	108.9
	United Kingdom	114	22	21.8	1,694	274	170.9
	Austria	-	2	-	-	21	5.0
	Belgium	1,059	-	-	7,911	-	-
	France	587	-	-	1,320	-	-
	Germany	299	-	-	2,767	2	-
	Hong Kong	-	-	-	25	-	-
	Japan	28	-	-	797	-	-
	Sweden	-	-	-	31	8	22.2
Hot rolled bars for agricultural implements ..	United States	118	20	-	1,875	171	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	73	-	-	625	66	1.6
	United Kingdom	2	-	2.2	385	11	4.3
Concrete reinforcing bars .	United States	-	-	-	116	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	1,789	-	-	14,456	-	-
	France	821	-	-	3,754	-	-
	Germany	91	-	-	7,265	-	-
	Japan	110	-	-	2,761	-	-
Sash or casement sections .	United States	65	-	-	826	-	-
	United Kingdom	4	-	-	300	-	-
	Belgium	22	-	-	277	-	-
Cold rolled bars, n.e.s. ..	United States	96	24	9.2	761	299	118.2
	United Kingdom	386	-	11.3	3,189	2	73.6
	Austria	-	-	-	-	-	2.3
	Belgium	25	-	-	207	-	-
	Germany	-	5	-	-	13	-
	Japan	-	-	-	117	-	-
	Sweden	-	-	-	8	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	1	-	-	239	19	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	159	50	-	1,510	650	-
	United Kingdom	11	32	-	132	191	-
	Austria	-	4	-	12	188	-
	France	-	-	-	-	4	-
	Germany	-	19	-	-	53	-
	Sweden	-	3	-	13	196	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	9,624	-	-	104,634	-	-
	United Kingdom	705	-	-	15,008	-	-
	Belgium	1,045	-	-	9,414	-	-
	France	27	-	-	27	-	-
	Germany	342	-	-	4,388	-	-
Sheet piling .....	United States	50	-	-	1,639	-	-
	United Kingdom	244	-	-	602	-	-
	Belgium	-	-	-	899	-	-
	France	-	-	-	52	-	-
	Germany	-	-	-	540	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	667	-	3.0	5,993	-	19.8
	United Kingdom	69	-	.8	496	-	1.7
	Australia	-	-	-	253	-	-
	Belgium	1,574	-	-	8,659	-	-
	France	719	-	-	4,244	-	-
	Germany	141	-	-	558	-	-
	Japan	-	-	-	437	-	-
	Norway	-	-	-	25	-	-
Structurals, n.e.s. over 6"	United States	1,390	5	-	12,278	5	-
	United Kingdom	75	-	-	2,623	-	-
	Belgium	481	-	-	4,410	-	-
	France	228	-	-	2,434	-	-
	Germany	-	-	-	160	-	-
Japan	-	-	-	330	-	-	
Bar size structurals, n.e.s. ....	United States	329	-	3.5	1,785	-	64.5
	United Kingdom	24	-	1.1	406	-	6.6
	Belgium	2,082	-	-	11,066	-	-
	France	605	-	-	2,445	-	-
	Germany	692	-	-	4,149	-	-
	Japan	40	-	-	260	-	-
	Sweden	-	-	2.6	-	-	36.0



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	128	-	-	809	-	-
<u>Plates:</u>							
60" and under in width ....	United States	126	54	28.8	2,299	764	342.4
	United Kingdom	262	12	38.7	2,207	12	241.1
	Belgium	242	-	-	978	-	-
	France	-	-	-	-	-	69.9
	Germany	504	-	-	2,129	-	-
	Japan	638	-	-	4,266	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	.5	-	-	38.7
Over 60" up to and including 100" in width .	United States	109	115	2.8	4,020	1,842	298.2
	United Kingdom	108	-	-	6,544	-	1.1
	Belgium	-	-	-	15	-	-
	France	-	-	-	-	-	22.9
	Germany	74	-	-	3,703	-	-
	Japan	117	-	-	6,199	-	-
	Sweden	-	-	2.6	-	-	27.9
Over 100" in width .....	United States	992	-	19.7	4,144	64	71.8
	United Kingdom	-	-	-	921	-	-
	Japan	-	-	-	53	-	-
Flanged or dished .....	United States	297	-	6.9	2,095	3	51.1
Floor plate .....	United States	488	-	.2	3,733	6	.6
	United Kingdom	204	-	-	1,341	-	-
	Belgium	-	-	-	29	-	-
	Germany	18	-	-	88	-	-
	Japan	22	-	-	783	-	-
<u>Sheets and strip (except stainless):</u>							
<u>Hot rolled:</u>							
Under 12" in width .....	United States	580	-	-	3,666	33	-
	United Kingdom	2	-	-	328	-	-
	Belgium	487	-	-	1,852	-	-
	France	27	-	-	339	-	-
	Germany	28	-	-	152	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961		Nine months ended September, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not including 24" in width .....	United States	72	-	568	72
	United Kingdom	-	-	-	-
24" to 51" in width .....	United States	337	-	2,007	120
	United Kingdom	3	-	20	1
	Belgium	30	-	127	-
	Germany	47	-	136	-
	Japan	150	-	1,071	-
Over 51" in width .....	United States	818	-	7,125	245
	United Kingdom	-	-	6	-
	Germany	13	-	43	-
	Japan	-	-	336	-
Cold rolled:					
Under 24" in width .....	United States	350	-	2,936	38
	United Kingdom	11	-	350	-
	Belgium	11	-	82	-
	Germany	-	-	384	-
	Japan	5	-	29	-
	Netherlands	-	-	4	-
	Sweden	27	-	482	2
24" to 51" in width .....	United States	239	-	1,654	1
	United Kingdom	-	-	365	-
Over 51" in width .....	United States	730	-	7,860	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	519	-	6,356	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	288	-	1,103	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	598	-	7,056	-
	United Kingdom	9	-	219	-
	Germany	3	-	6	-
	Japan	-	-	1	-
Asbestos bonded (includes galvanized & corrugated).	United States	65	-	474	-
	United Kingdom	-	-	135	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961		Nine months ended September, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	58	-	496	-
	United Kingdom	-	-	16	-
	Germany	6	-	57	-
Electro galvanized .....	United States	101	-	1,276	-
	United Kingdom	-	-	22	-
Galvanized n.e.s. ....	United States	329	-	1,877	-
	United Kingdom	8	-	63	-
	Belgium	-	-	88	-
	Japan	63	-	157	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,215	-	10,732
	United Kingdom	-	-	-	11
Electrical n.e.s. ....	United States	-	144	-	865
	United Kingdom	-	-	-	1
Saw steel .....	United States	15	234	195	920
	United Kingdom	-	3	-	11
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	-	12	116	136
Hot rolled wasters .....	United States	414	-	1,885	-
	United Kingdom	-	-	17	-
Cold rolled wasters .....	United States	391	-	2,496	-
	United Kingdom	22	-	72	-
Black plate .....	United States	3	-	19	-
Tin plate primes .....	United States	52	-	562	-
	United Kingdom	6	-	140	-
Tin plate electrolytic ....	United States	21	-	231	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate primes .....	United States	703	-	4,532	-
	United Kingdom	-	-	-	-
Terne plate seconds .....	United States	-	-	-	-
	United Kingdom	-	-	608	-
Strip for hoop .....	United States	113	-	507	-
	United Kingdom	45	-	124	-
	Belgium	3	-	7	-
	Japan	-	-	122	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961	Nine months ended September, 1961
		Stainless	Stainless
net tons of 2,000 pounds			
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	5.5	14.4
	United Kingdom	.3	8.6
Under 24" in width lighter than 18 gauge .	United States	-	9.5
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	4.1	85.0
	United Kingdom	55.0	457.4
	France	-	-
	Japan	-	2.5
	Sweden	55.7	257.2
24" up to and including 51" in width, lighter than 18 gauge .....	United States	10.5	37.9
	United Kingdom	22.4	131.3
	Sweden	1.7	2.1
Over 51" in width 18 gauge and heavier .....	United States	-	23.5
	United Kingdom	-	3.1
	Sweden	1.2	22.9
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	36.1	279.4
	United Kingdom	-	.3
Under 24" in width lighter than 18 gauge .	United States	77.8	1,101.4
	United Kingdom	-	.6
	France	-	53.9
	Germany	.2	.7
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	117.6	1,219.0
	United Kingdom	72.4	1,036.5
	France	39.9	135.1
	Japan	6.6	222.5

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	1,333	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Japan	-	-	-	3,425	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	176	-	-	1,120	-	-
	Germany	-	-	-	51	-	-
Cast .....	United States	41	-	-	426	-	-
	United Kingdom	835	-	-	9,736	-	-
	Australia	-	-	-	13	-	-
	France	-	-	-	88	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	95	4	10.1	918	132	14.2
	United Kingdom	39	-	-	1,058	6	-
	France	-	-	-	6	-	-
	Italy	-	-	-	172	2	-
Seamless cold drawn .....	United States	4	-	-	55	4	62.7
	United Kingdom	-	-	-	96	3	1.3
	France	-	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	4	-	-	424	-	-
	United Kingdom	206	-	-	1,368	-	-
	Germany	-	-	-	24	-	-
	Switzerland	133	-	-	581	-	-
Seamless cold drawn, n.e.s.	United States	140	25	10.9	1,109	68	151.2
	United Kingdom	5	-	3.6	380	9	72.1
	France	8	-	-	8	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Japan	-	-	-	13	-	-
	Sweden	27	-	1.9	108	-	30.7
Mechanical tubing .....	United States	614	266	3.9	6,512	2,471	44.8
	United Kingdom	23	32	.6	271	153	2.4
	Germany	93	24	-	224	82	-
	Japan	6	-	-	9	-	-
	Sweden	-	250	-	-	803	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D, .....	United States	50	3	7.8	746	111	38.2
	United Kingdom	27	-	-	965	36	-
	Germany	1	-	-	1	-	-
	Japan	8	-	-	140	-	-
	Sweden	17	-	-	20	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	11	1	-	160	5	1.0
	United Kingdom	21	-	-	1,223	-	-
	Germany	-	-	-	14	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	234	-	-	2,000	2	4
	United Kingdom	-	-	-	11,180	-	-
	Germany	-	-	-	1,012	-	-
Over 16" O.D. ....	United States	139	2	-	1,361	2	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	268	-	-	3,070	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	246	-	6.2	2,210	-	114.8
	United Kingdom	478	-	.7	2,464	-	9.4
	Belgium	-	-	-	815	-	-
	France	1,180	-	-	4,757	-	-
	Germany	431	-	-	3,376	-	-
	Japan	231	-	-	1,250	-	-
	Netherlands	13	-	-	41	-	-
	Sweden	-	-	-	13	-	5.3
Over 4 1/2" O.D. up to and including 16" O.D..	United States	66	-	6.4	644	2	110.4
	United Kingdom	-	-	-	3	-	-
	France	-	-	-	4	-	-
	Germany	1,969	-	-	2,838	-	-
	Sweden	32	-	-	32	-	1.0
Over 16" O.D. ....	United States	137	-	-	1,442	5	7.9
	United Kingdom	-	-	-	2,521	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	139	-	-	2,029	-	-
	United Kingdom	-	-	-	900	-	-
	Germany	-	-	-	456	-	-
	Japan	190	-	-	2,399	-	-
Casing:							
J-55 and H-40 .....	United States	299	-	-	1,183	-	-
	United Kingdom	27	-	-	2,747	-	-
	France	69	-	-	166	-	-
	Germany	-	-	-	387	-	-
	Italy	-	-	-	156	-	-
	Japan	327	-	-	1,938	-	-
All other casing .....	United States	147	-	-	1,220	-	-
	United Kingdom	-	-	-	819	-	-
	Japan	-	-	-	645	-	-
Conduit .....	United States	1	-	-	203	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	43	-	.3	117	-	1.5
	United Kingdom	1,124	-	-	8,705	-	-
	Belgium	-	-	-	1	-	-
	Germany	283	-	-	2,453	-	-
	Japan	97	-	-	1,026	-	-
For springs, cushions, etc. ....	United States	-	-	-	89	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	164	-	-	627	-	-
For corset clasps, dress stays, etc. ....	United States	1	-	-	25	-	-
	United Kingdom	2	-	-	27	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	11	-	2.4	194	-	23.6
	United Kingdom	1	-	-	137	-	-
	Austria	-	-	-	12	-	-
	Belgium	-	-	-	7	-	-
	Germany	4	-	-	11	-	-
	Japan	8	-	-	20	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	195	-	-	1,057	-	-
	Belgium	5	-	-	140	-	-
	France	-	-	-	205	-	-
	Germany	20	-	-	205	-	-
	Japan	3	-	-	3	-	-
Galvanized, n.e.s. ....	United States	34	-	-	238	-	-
	United Kingdom	132	-	-	1,232	-	-
	Austria	-	-	-	157	-	-
	Belgium	64	-	-	308	-	-
	France	-	-	-	389	-	-
	Germany	10	-	-	86	-	-
	Italy	-	-	-	9	-	-
	Japan	100	-	-	820	-	-
Wire, n.e.s. ....	United States	114	-	14.6	1,049	58	68.6
	United Kingdom	44	-	2.0	1,067	-	19.1
	Austria	5	-	-	409	-	-
	Belgium	85	-	-	657	-	-
	France	55	-	-	967	-	-
	Germany	23	-	.1	675	-	.2
	Japan	134	-	-	1,311	-	1.1
	Netherlands	-	-	-	162	-	-
	Sweden	11	-	.3	77	-	22.1

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	28	-	2.7	176	-	17.4
	United Kingdom	224	-	-	1,795	-	-
	Belgium	15	-	-	112	-	-
	Denmark	3	-	-	28	-	-
	France	17	-	-	424	-	-
	Germany	39	-	-	529	-	-
	Japan	160	-	-	1,321	-	-
	Netherlands	89	-	-	472	-	-
	Norway	5	-	-	92	-	-
Sweden	-	-	-	7	-	-	
Welding rods (cut length) .	United States	47	48	27.9	853	661	226.5
	United Kingdom	50	1	-	449	3	-
	Australia	-	-	-	1	-	-
	Austria	-	1	1.0	-	1	7.4
	Germany	-	-	-	-	-	.7
	Japan	-	-	-	1	-	-
	Sweden	-	-	1.0	10	-	7.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	26	22	3.2	334	116	24.1
	United Kingdom	3	-	-	10	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	25	-	.6	191	-	16.8
	United Kingdom	258	-	-	1,019	-	-
	Belgium	1,108	-	-	2,658	-	-
	Chile	-	-	-	97	-	-
	France	766	-	-	10,039	-	-
	Germany	2,322	-	-	5,664	-	3.8
	Japan	342	-	-	1,730	-	-
	Netherlands	11	-	-	232	-	-
<hr/>							
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	1	-	-	9	-	-
	Germany	-	-	-	586	-	-
	Japan	-	-	-	20	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	459	-	-	2,420	-	-
	United Kingdom	-	-	-	-	-	-
Over 100 lb. per lineal yard .....	United States	262	-	-	276	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	September, 1961			Nine months ended September, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	3	-	-	523	-	-
	United Kingdom	-	-	-	2,046	-	-
	Germany	-	-	-	226	-	-
Switch points, guard rails	United States	-	-	-	46	-	-
	United Kingdom	-	-	-	10	-	-
Other railway material:							
Axles .....	United States	-	-	-	9	-	-
	United Kingdom	3	-	-	21	-	-
Steel tires .....	United States	28	-	-	97	-	-
	United Kingdom	-	-	-	40	-	-
Steel wheels .....	United States	1	-	-	48	-	-
	United Kingdom	30	-	-	1,398	-	-
Total imports .....		58,913	3,524	793.7	546,925	26,423	8,487.1

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	September, 1961			Nine months ended September, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	26,867	3,102	445.5	264,864	24,181	5,193.2
United Kingdom .....	6,041	102	232.9	101,306	724	2,241.4
Australia .....	-	-	-	267	-	-
Austria .....	5	7	1.0	590	210	14.7
Belgium (1) .....	10,127	-	-	65,177	-	-
Chile .....	-	-	-	97	-	-
Denmark .....	3	-	-	28	-	-
France .....	5,109	-	39.9	31,695	7	325.2
Germany .....	7,453	48	.3	45,356	150	5.4
Hong Kong .....	-	-	-	25	-	-
Italy .....	-	-	-	349	2	-
Japan .....	2,943	-	6.6	34,644	-	230.9
Netherlands .....	113	-	-	912	-	-
Norway .....	5	-	-	117	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	114	265	67.5	917	1,149	476.3
Switzerland .....	133	-	-	581	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	58,913	3,524	793.7	546,925	26,423	8,487.1

(1) Includes Luxembourg



TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	September 1961	Nine months ended September, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	54.3	80.4
Cold rolled bars, n.e.s. ....	United States	-	.6
<u>Structural shapes:</u>			
Wide flange beams .....	United States	226.5	1,055.2
n.e.s. 3" to 6" .....	United States	8.6	73.2
n.e.s. over 6" .....	United States	-	229.1
bar size, n.e.s. ....	United States	3.3	4.6
<u>Plates:</u>			
60" and under in width .....	United States	51.6	316.8
Over 60" up to and including 100" in width .....	United States	24.5	145.8
	United Kingdom	14.6	25.9
Over 100" in width .....	United States	495.5	825.4
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width .....	United States	-	.1
24" to 51" in width .....	United States	40.8	177.9
Over 51" in width .....	United States	64.2	635.0
Cold rolled:			
24" to 51" in width .....	United States	-	47.9
Over 51" in width .....	United States	-	24.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	9.9
Total High Strength Low Alloy .....		983.9	3,652.2

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in Table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	June, 1961	July, 1961	Seven months ended July, 1961
	net tons of 2,000 pounds		
Pig iron .....	79,357	134,203	264,279
Sprong iron .....	237	155	1,673
Steel ingots .....	6,030	25,615	33,346
Blooms, billets, slab steel .....	32,342	22,762	122,114
Iron castings, n.e.s. ....	346	468	4,081
Steel castings .....	85	209	1,100
Forgings, n.e.s. ....	668	572	4,344
Bars steel, hot rolled .....	5,578	3,611	27,557
Wire rods steel, hot rolled .....	431	190	3,609
Bars steel, cold rolled .....	397	278	1,678
Plate steel .....	648	284	3,317
Sheets and strip, carbon steel hot rolled ..	11,076	5,306	38,366
Sheets and strip steel, n.e.s. ....	22,960	7,857	89,873
Structural shapes .....	1,153	234	5,278
Rails .....	19,524	2,064	45,931
Cast iron pipe .....	-	-	32
Pipes and tubes iron and steel, n.e.s. ....	1,951	2,487	15,001
Total .....	182,783	206,295	661,579

(1) Latest Available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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# PRIMARY IRON AND STEEL

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TABLE 1. Description of Iron Blast Furnaces(1) at end of October, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	13	4,055,800	82.7
Banked .....	-	-	-
Blown out .....	4	849,100	17.3
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	October, 1961	Ten months ended October, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	74,514	829,531
From foreign mines .....	196,956	1,691,740
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	124,875	1,120,379
From foreign mines .....	171,016	1,466,691
From own processing .....	170,468	1,426,318
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	22,289	207,866
Scrap iron and steel .....	7,708	70,859
Limestone .....	58,719	692,576
Dolomite .....	17,855	226,854
Coke .....	288,238	2,725,811

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, October

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	299,911	10,473	368,001	3,476
Foundry (including silvery pig) (2) .....	20,993	54,296	28,700	35,380
Malleable .....	47,139	36,355	62,037	61,708
Total pig iron .....	368,043	101,124	458,738	100,564
Ferro-alloys .....	10,203	11,897	13,315	12,846
Stocks of pig iron on hand at end of month .....	309,275		295,466	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Ten months ended October

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	3,045,471	68,121	3,501,110	117,210
Foundry (including silvery pig) (2) .....	224,362	195,300	286,522	239,372
Malleable .....	380,541	308,417	284,701	308,436
Total pig iron .....	3,650,374	571,838	4,072,333	665,018
Ferro-alloys .....	117,242	114,143	95,408	101,949

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	October		Ten months ended October	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	304,382	362,033	2,993,318	3,395,937
Scrap - Own make .....	135,797	158,309	1,395,366	1,511,251
Purchased .....	92,076	138,431	1,126,105	1,162,887
Total pig iron and scrap .....	532,255	658,773	5,514,789	6,070,075

TABLE 7. Production and Shipments of Steel Ingots and Castings, October

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	431,877	16,320	513,255	14,666
Electric .....	47,192	6,997	64,743	28,326
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots . . . . .	479,069	23,317	577,998	42,992
Alloy steel ingots included in above .....	17,439	564	24,142	605
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	174	174	212	212
Electric .....	6,622	6,806	9,971	8,698
Other .....	-	-	40	23
Total steel castings .....	6,796	6,980	10,223	8,933
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	177	200	253	260
High alloy, manganese and abrasion resistant ...	1,557	1,480	1,622	1,486
All other alloys .....	234	228	287	203
Total alloy castings .....	1,968	1,908	2,162	1,949

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.



TABLE 8. Production and Shipments of Steel Ingots and Castings, Ten Months Ended October

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	4,365,408	105,334	4,822,416	92,782
Electric .....	536,895	71,880	536,459	114,694
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	4,902,303	177,214	5,358,875	207,476
Alloy steel ingots included in above .....	201,759	6,352	204,087	4,875
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	2,262	2,730	2,285	2,285
Electric .....	79,622	79,041	87,827	86,624
Other .....	3	3	312	297
Total steel castings .....	81,887	81,774	90,424	89,206
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant .....	2,085	2,085	2,093	1,900
High alloy, manganese and abrasion resistant ...	15,509	15,100	13,547	13,225
All other alloys .....	2,836	2,600	4,047	3,733
Total alloy castings .....	20,430	19,785	19,687	18,858

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	October, 1961		Ten months ended October, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	1	-	1	-
All other .....	-	187	13	1,426
Automotive industries .....	137	10	1,231	94
Agricultural, including implement and equipment manufacturers .....	79	8	860	15
Machinery and tools .....	1,827	287	12,809	2,872
Mining, lumbering and quarrying industries .....	716	879	6,333	8,007
Oil and gas, including refineries .....	102	41	995	733
National defence .....	6	11	124	87
Public works and public utilities .....	16	24	136	210
Railway operating .....	3,581	145	39,813	1,955
Railway cars and locomotives .....	312	16	6,438	346
Shipbuilding .....	54	2	432	95
Miscellaneous and unclassified .....	153	339	1,163	3,018
Total shipments .....	6,984	1,949	70,348	18,858

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....	441,328	9,111	531,868	7,469	539,337
August .....	437,808	9,367	573,062	9,899	582,961
September .....	441,168	10,752	552,564	9,742	562,306
October .....	458,738	13,315	577,998	10,223	588,221
November .....					
December .....					
Totals .....					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, October

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	11,593	15,190	18,867	16,462
Over 4 1/2" outside diameter (including all sizes of casing) .....	28,125	23,718	20,634	34,134
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,383	5,299	7,901	6,893
Totals .....	45,101	44,207	47,402	57,489
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	62	66	95	133
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	397	467	537	482
Totals .....	459	533	632	615

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Ten Months Ended October

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	152,939	151,304	156,833	153,028
Over 4 1/2 " outside diameter (including all sizes of casing) .....	160,641	148,468	356,228	375,982
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	57,818	56,364	63,785	60,339
Totals .....	371,398	356,136	576,846	589,349
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	927	1,003	695	901
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	4,616	5,028	4,285	4,896
Totals .....	5,543	6,031	4,980	5,797

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, October, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	23,955	18,499	11,101	7,398
For forging and piercing .....	11,748	13,154	-	13,154
Rails .....	9,320	1,587	-	1,587
Wire rods .....	27,889	27,874	-	27,874
Structural shapes:				
Heavy, including piling .....	36,086	32,492	-	32,492
Light .....	9,007	8,945	-	8,945
Concrete reinforcing bars .....	35,635	37,213	-	37,213
Other hot rolled bars .....	32,220	33,080	1,692	31,388
Tie plates and track material:				
Angle bars .....	-	6	-	6
Tie plates .....	-	14	-	14
Track spikes .....	170	112	-	112
Plates (including plates for pipes and tubes) .....	42,574	45,540	-	45,540
Hot rolled sheets and strip ....	217,724	210,751	148,310	62,441
Total hot rolled products ..	446,328	429,267	161,103	268,164
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,587	2,686	-	2,686
Cold reduced strip .....	4,537	4,103	-	4,103
Cold reduced sheets, tin mill black plate and tin plate ....	129,342	118,278	55,316	62,962
Galvanized sheets .....	30,960	26,884	-	26,884
Total cold rolled and coated .	167,426	151,951	55,316	96,635
Total carbon steel .....	613,754	581,218	216,419	364,799
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	593	648	-	648
Alloy plates .....	50	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	8,101	6,941	20	6,921
Structurals .....	-	-	-	-
Cold finished bars .....	585	452	-	452
Wire rods .....	127	120	-	120
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,184	2,168	-	2,168
Total alloy steel .....	11,640	10,329	20	10,309



TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Ten Months Ended October, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	215,656	204,837	75,517	129,320
For forging and piercing .....	133,929	134,779	392	134,387
Rails .....	182,375	169,513	-	169,513
Wire rods .....	295,665	297,430	1,582	295,848
Structural shapes:				
Heavy, including piling .....	194,470	188,759	-	188,759
Light .....	60,865	60,502	-	60,502
Concrete reinforcing bars .....	356,351	354,001	505	353,496
Other hot rolled bars .....	283,494	279,422	23,136	256,286
Tie plates and track material:				
Angle bars .....	7,023	7,804	-	7,804
Tie plates .....	42,864	43,843	-	43,843
Track spikes .....	7,819	8,295	-	8,295
Plates (including plates for pipes and tubes) .....	589,743	580,425	1,573	578,852
Hot rolled sheets and strip ....	1,857,574	1,835,857	1,290,712	545,145
Total hot rolled products ..	4,227,828	4,165,467	1,393,417	2,772,050
<u>Cold rolled and coated:</u>				
Cold finished bars .....	26,439	26,751	-	26,751
Cold reduced strip .....	41,550	39,231	609	38,622
Cold reduced sheets, tin mill black plate and tin plate ....	1,282,440	1,298,587	604,617	693,970
Galvanized sheets .....	307,094	290,575	-	290,575
Total cold rolled and coated .	1,657,523	1,655,144	605,226	1,049,918
Total carbon steel .....	5,885,351	5,820,611	1,998,643	3,821,968
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	7,710	7,621	35	7,586
Alloy plates .....	458	3	-	3
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	65,012	63,396	692	62,704
Structurals .....	-	-	-	-
Cold finished bars .....	5,369	4,984	-	4,984
Wire rods .....	1,537	1,466	-	1,466
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	19,959	20,713	-	20,713
Total alloy steel .....	100,098	98,229	773	97,456



TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		October, 1961		Ten months ended October, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	58,656	493	491,316	5,363
5	Direct export:				
	(a) British Commonwealth .....	3,436	340	62,807	5,906
	(b) All other .....	22,828	620	320,543	9,937
6	Automotive industries .....	20,600	4,611	161,725	38,762
7	Agricultural, including implement and equipment manufacturers .....	11,311	281	74,765	2,166
8	Building construction .....	88,957	69	753,845	806
9	Container industry .....	19,073	78	305,545	332
10	Machinery and tools .....	17,503	1,672	160,141	13,023
11	Merchant trade products .....	31,861	492	347,833	5,967
12	Mining, lumbering, etc. ....	5,079	1,166	48,785	11,550
13	National defence .....	295	33	1,538	371
14	Pressing, forming and stamping .....	19,512	382	185,627	2,713
15	Public works and utilities .....	2,370	-	25,706	-
16	Railway operating .....	2,248	30	185,063	213
17	Railway cars and locomotives .....	2,954	-	35,928	11
18	Shipbuilding .....	8,875	6	57,014	78
19	Pipes and tubes .....	48,681	36	597,643	258
20	Miscellaneous and unclassified .....	560	-	6,144	-
	Net shipments .....	364,799	10,309	3,821,968	97,456

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, October, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	-	151	585	7,970	3,743	10,493	6,318
5.	Direct export:							
	(a) British Commonwealth .....	-	-	37	-	-	589	178
	(b) All other .....	7,647	-	284	-	-	1,148	1,164
6	Automotive industries .	2,685	-	-	18	105	-	6,769
7	Agricultural, etc. ....	-	-	4	692	889	-	5,087
8	Building construction .	-	39	1,075	22,077	2,880	22,363	2,884
9	Container industry ....	-	-	-	-	-	-	2
10	Machinery and tools ...	1,074	56	306	838	136	338	4,385
11	Merchant trade .....	366	-	25,507	53	18	-	4,517
12	Mining, lumbering, etc.	76	399	111	77	108	106	3,835
13	National defence .....	-	-	-	-	-	58	145
14	Pressing, forming and stamping .....	22	-	16	7	858	-	799
15	Public works and utilities .....	-	-	43	35	5	2,114	90
16	Railway operating .....	4	929	21	52	35	-	954
17	Railway cars and locomotives .....	304	-	1	440	90	-	600
18	Shipbuilding .....	2	13	-	233	77	-	518
19	Pipes and tubes .....	9,020	-	-	-	-	-	9
20	Miscellaneous and unclassified .....	-	-	4	-	1	4	55
	Net shipments .....	21,200	1,587	27,994	32,492	8,945	37,213	38,309

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, October, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1	6,473	7,217	698	190	9,381	5,929	59,149	4
								5
-	2,117	221	4	-	431	199	3,776	(a)
-	407	4,024	4	-	6,516	2,254	23,448	(b)
-	133	8,118	797	1,085	5,051	450	25,211	6
-	534	2,953	682	11	514	226	11,592	7
1	12,030	5,513	15	381	4,942	14,826	89,026	8
-	29	192	1	25	18,794	108	19,151	9
4	4,977	3,399	355	395	2,754	158	19,175	10
-	4	788	331	28	602	139	32,353	11
13	985	215	45	6	171	98	6,245	12
-	-	41	21	63	-	-	328	13
-	289	4,496	180	1,377	9,510	2,340	19,894	14
-	-	2	-	-	81	-	2,370	15
7	205	63	3	-	1	4	2,278	16
106	978	291	-	-	144	-	2,954	17
-	7,863	175	-	-	-	-	8,881	18
-	8,516	26,901	1	55	4,062	153	48,717	19
-	-	-	1	487	8	-	560	20
132	45,540	64,609	3,138	4,103	62,962	26,884	375,108	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Ten Months Ended October, 1961

October, 1961								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	251	790	8,636	51,530	20,699	85,056	49,604
5.	Direct export:							
	(a) British Commonwealth ....	25,419	-	2,993	-	-	13,355	4,226
	(b) All other .....	112,682	36,526	1,007	1,085	5	12,608	7,767
6	Automotive industries .	18,913	-	366	737	587	1,241	54,905
7	Agricultural, etc. ....	62	-	192	3,934	5,148	-	28,711
8	Building construction .	89	1,127	11,328	108,396	22,941	202,394	24,123
9	Container industry ....	-	-	100	11	9	187	96
10	Machinery and tools ...	8,221	602	2,606	3,984	1,226	3,321	38,132
11	Merchant trade .....	1,925	-	268,412	1,072	1,157	13,760	52,162
12	Mining, lumbering, etc.	1,410	4,374	796	3,223	507	1,293	35,069
13	National defence .....	-	-	-	111	39	185	502
14	Pressing, forming and stamping .....	247	-	168	585	6,672	4	7,030
15	Public works and utilities .....	-	3	438	2,605	59	19,182	735
16	Railway operating .....	36	126,068	263	965	319	535	5,546
17	Railway cars and locomotives .....	6,333	-	1	7,507	628	-	6,314
18	Shipbuilding .....	12	23	-	2,991	357	51	3,224
19	Pipes and tubes .....	95,693	-	-	-	10	-	116
20	Miscellaneous and unclassified .....	-	-	8	23	139	324	728
	Net shipments .....	271,293	169,513	297,314	188,759	60,502	353,496	318,990

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Ten Months Ended October, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
57	67,911	66,944	8,428	2,261	80,420	54,092	496,679	4
								5
-	3,405	4,948	129	29	6,833	7,376	68,713	(a)
11,139	10,374	44,813	43	98	58,076	34,257	330,480	(b)
-	2,500	62,091	8,319	8,317	38,234	4,277	200,487	6
-	4,171	19,990	4,396	205	7,052	3,070	76,931	7
1,618	121,935	51,774	240	3,228	49,633	155,825	754,651	8
-	69	2,131	6	71	302,191	1,006	305,877	9
128	47,150	32,328	3,960	6,472	21,199	3,835	173,164	10
-	841	5,844	3,292	258	4,558	519	353,800	11
700	6,207	2,972	562	26	2,718	478	60,335	12
-	312	261	122	377	-	-	1,909	13
-	5,104	48,146	2,170	9,244	88,116	20,854	188,340	14
19	1,599	392	-	195	479	-	25,706	15
46,171	3,246	1,315	30	-	82	700	185,276	16
108	6,980	5,900	4	-	630	1,534	35,939	17
2	48,843	1,188	6	-	84	311	57,092	18
-	248,045	214,793	5	4,333	32,911	1,995	597,901	19
-	163	28	23	3,508	754	446	6,144	20
59,942	578,855	565,858	31,735	38,622	693,970	290,575	3,919,424	



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	147	-	-
	United Kingdom	-	-	-	56	-	-
<hr/>							
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	44	1	2.8	325	118	44.3
Billets, blooms, slabs and sheet bars .....	United States	51	91	147.7	265	369	528.1
	United Kingdom	103	-	-	425	-	-
<hr/>							
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	962	275	9.0	10,091	3,507	117.9
	United Kingdom	398	42	22.8	2,092	316	193.7
	Austria	-	2	-	-	23	5.0
	Belgium	2,445	-	-	10,356	-	-
	France	109	-	-	1,429	-	-
	Germany	482	-	-	3,249	2	-
	Hong Kong	-	-	-	25	-	-
	Japan	65	-	.9	862	-	.9
	Sweden	-	-	1.9	31	8	24.1
Hot rolled bars for agricultural implements ..	United States	343	16	-	2,218	187	-
	United Kingdom	-	-	-	1	-	-
Rounds over 4 7/8", squares over 4" .....	United States	1	8	-	626	74	1.6
	United Kingdom	41	22	-	426	33	4.3
Concrete reinforcing bars .	United States	6	-	-	122	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	4,247	-	-	18,703	-	-
	France	1,552	-	-	5,306	-	-
	Germany	1,879	-	-	9,144	-	-
	Japan	794	-	-	3,555	-	-
Sash or casement sections .	United States	208	-	-	1,034	-	-
	United Kingdom	32	-	-	332	-	-
	Belgium	60	-	-	337	-	-
Cold rolled bars, n.e.s. ..	United States	90	34	26.9	851	333	145.1
	United Kingdom	358	-	11.9	3,547	2	85.5
	Austria	-	-	-	-	-	2.3
	Belgium	45	-	-	252	-	-
	Germany	-	4	-	-	17	-
	Japan	-	-	-	117	-	-
	Sweden	-	-	-	8	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	60	1	-	299	20	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	187	161	-	1,697	811	-
	United Kingdom	5	53	-	137	244	-
	Austria	2	19	-	14	207	-
	France	-	-	-	-	4	-
	Germany	-	9	-	-	62	-
	Sweden	3	37	-	16	233	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	10,910	-	-	115,544	-	-
	United Kingdom	231	-	-	15,239	-	-
	Belgium	1,898	-	-	11,312	-	-
	France	262	-	-	289	-	-
	Germany	695	-	-	5,083	-	-
Sheet piling .....	United States	460	-	-	2,099	-	-
	United Kingdom	993	-	-	1,595	-	-
	Belgium	1,055	-	-	1,954	-	-
	France	6	-	-	58	-	-
	Germany	373	-	-	913	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	795	-	2.2	6,788	-	22.0
	United Kingdom	332	-	-	828	-	1.7
	Australia	-	-	-	253	-	-
	Belgium	2,573	-	-	11,232	-	-
	France	1,360	-	-	5,604	-	-
	Germany	102	-	-	660	-	-
	Japan	124	-	-	561	-	-
	Norway	-	-	-	25	-	-
	Structurals, n.e.s. over 6"	United States	1,585	-	-	13,863	5
United Kingdom		384	-	-	3,007	-	-
Belgium		1,467	-	-	5,877	-	-
France		1,439	-	-	3,873	-	-
Germany		-	-	-	160	-	-
Japan		-	-	-	330	-	-
Bar size structurals, n.e.s. ....	United States	174	-	8.7	1,959	-	73.2
	United Kingdom	71	-	6.0	477	-	12.6
	Belgium	3,980	-	-	15,046	-	-
	France	239	-	-	2,684	-	-
	Germany	968	-	-	5,117	-	-
	Japan	-	-	-	260	-	-
	Sweden	-	-	.2	-	-	36.2

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	92	-	-	901	-	-
<u>Plates:</u>							
60" and under in width ....	United States	197	83	33.0	2,496	847	375.4
	United Kingdom	819	23	31.9	3,026	35	273.0
	Belgium	470	-	-	1,448	-	-
	France	-	-	-	-	-	69.9
	Germany	372	-	-	2,501	-	-
	Japan	691	-	-	4,957	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	10.9	-	-	49.6
Over 60" up to and including 100" in width .	United States	350	112	66.8	4,370	1,954	365.0
	United Kingdom	324	-	111.4	6,868	-	112.5
	Belgium	31	-	-	46	-	-
	France	-	-	-	-	-	22.9
	Germany	104	-	-	3,807	-	-
	Japan	557	-	-	6,756	-	-
	Sweden	-	-	5.2	-	-	33.1
	Over 100" in width .....	United States	238	-	.5	4,382	64
United Kingdom		-	-	-	921	-	-
Japan		-	-	-	53	-	-
Flanged or dished .....	United States	261	24	3.0	2,356	27	54.1
Floor plate .....	United States	282	-	.8	4,015	6	1.4
	United Kingdom	5	-	-	1,346	-	-
	Belgium	-	-	-	29	-	-
	France	44	-	-	44	-	-
	Germany	-	-	-	88	-	-
	Japan	29	-	-	812	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	227	1	-	3,893	34	-
	United Kingdom	23	-	-	351	-	-
	Belgium	1,519	-	-	3,371	-	-
	France	74	-	-	413	-	-
	Germany	1	-	-	153	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961		Ten months ended October, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not including 24" in width .....	United States	19	1	587	73
	United Kingdom	-	-	-	-
	Belgium	20	-	20	-
24" to 51" in width .....	United States	331	9	2,338	129
	United Kingdom	18	-	38	1
	Belgium	-	-	127	-
	Germany	25	-	161	-
	Japan	118	-	1,189	-
Over 51" in width .....	United States	756	-	7,881	245
	United Kingdom	62	-	68	-
	Germany	-	-	43	-
	Japan	17	-	353	-
Cold rolled:					
Under 24" in width .....	United States	357	13	3,293	51
	United Kingdom	35	-	385	-
	Belgium	-	-	82	-
	Germany	40	-	424	-
	Japan	-	-	29	-
	Netherlands	-	-	4	-
	Sweden	98	-	580	2
24" to 51" in width .....	United States	260	-	1,914	1
	United Kingdom	73	-	438	-
Over 51" in width .....	United States	784	-	8,644	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	758	-	7,114	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	226	-	1,329	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	671	-	7,727	-
	United Kingdom	6	-	225	-
	Germany	-	-	6	-
	Japan	-	-	1	-
Asbestos bonded (includes galvanized & corrugated).	United States	56	-	530	-
	United Kingdom	11	-	146	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961		Ten months ended October, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	96	-	592	-
	United Kingdom	-	-	16	-
	Germany	7	-	64	-
Electro galvanized .....	United States	74	-	1,350	-
	United Kingdom	-	-	22	-
Galvanized n.e.s. ....	United States	251	-	2,128	-
	United Kingdom	9	-	72	-
	Belgium	-	-	88	-
	Japan	39	-	196	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,621	-	12,353
	United Kingdom	-	107	-	118
Electrical n.e.s. ....	United States	-	85	-	950
	United Kingdom	-	40	-	41
Saw steel .....	United States	38	189	233	1,109
	United Kingdom	9	5	9	16
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	6	33	122	169
Hot rolled wasters .....	United States	167	-	2,052	-
	United Kingdom	-	-	17	-
Cold rolled wasters .....	United States	324	-	2,820	-
	United Kingdom	28	-	100	-
Black plate .....	United States	24	-	43	-
Tin plate primes .....	United States	58	-	620	-
	United Kingdom	24	-	164	-
Tin plate electrolytic ....	United States	61	-	292	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate primes .....	United States	621	-	5,153	-
	United Kingdom	-	-	-	-
Terne plate seconds .....	United States	4	-	4	-
	United Kingdom	139	-	747	-
Strip for hoop .....	United States	46	-	553	-
	United Kingdom	20	-	144	-
	Belgium	173	-	180	-
	Japan	52	-	174	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961	Ten months ended October, 1961
		Stainless	Stainless
net tons of 2,000 pounds			
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	.3	14.7
	United Kingdom	-	8.6
Under 24" in width lighter than 18 gauge .	United States	-	9.5
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	12.7	97.7
	United Kingdom	58.4	515.8
	Belgium	2.3	2.3
	France	-	-
	Japan	-	2.5
	Sweden	30.6	287.8
24" up to and including 51" in width, lighter than 18 gauge .....	United States	-	37.9
	United Kingdom	10.0	141.3
	Sweden	-	2.1
Over 51" in width 18 gauge and heavier .....	United States	.1	23.6
	United Kingdom	-	3.1
	Sweden	-	22.9
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	46.6	326.0
	United Kingdom	-	.3
Under 24" in width lighter than 18 gauge .	United States	105.6	1,207.0
	United Kingdom	-	.6
	France	-	53.9
	Germany	.4	1.1
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	120.4	1,339.4
	United Kingdom	159.3	1,195.8
	France	19.5	154.6
	Japan	62.8	285.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	1,333	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Japan	-	-	-	3,425	-	-
Cold rolled .....	United States	-	-	-	-	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	126	-	-	1,246	-	-
	Germany	-	-	-	51	-	-
Cast .....	United States	29	-	-	455	-	-
	United Kingdom	639	-	-	10,375	-	-
	Australia	-	-	-	13	-	-
	France	32	-	-	120	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	213	7	.4	1,131	139	14.6
	United Kingdom	357	12	-	1,415	18	-
	France	-	-	-	6	-	-
	Italy	-	-	-	172	2	-
Seamless cold drawn .....	United States	23	23	.2	78	27	62.9
	United Kingdom	4	-	-	100	3	1.3
	France	-	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	102	-	-	526	-	-
	United Kingdom	162	-	-	1,530	-	-
	Germany	21	-	-	45	-	-
	Switzerland	112	-	-	693	-	-
Seamless cold drawn, n.e.s.	United States	107	8	13.2	1,216	76	164.4
	United Kingdom	16	-	5.0	396	9	77.1
	France	-	-	-	8	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Japan	-	-	-	13	-	-
	Sweden	18	-	4.9	126	-	35.6
Mechanical tubing .....	United States	670	538	28.6	7,182	3,009	73.4
	United Kingdom	20	144	-	291	297	2.4
	Germany	-	12	-	224	94	-
	Japan	-	-	-	9	-	-
	Sweden	-	157	-	-	960	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D. ....	United States	107	10	2.3	853	121	40.5
	United Kingdom	38	-	-	1,003	36	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	140	-	-
	Sweden	-	-	-	20	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	18	-	-	178	5	1.0
	United Kingdom	-	-	-	1,223	-	-
	Germany	-	-	-	14	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	525	2	-	2,525	4	.4
	United Kingdom	31	-	-	11,211	-	-
	Germany	16	-	-	1,028	-	-
Over 16" O.D. ....	United States	291	-	-	1,652	2	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	216	-	-	3,286	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including							
4 1/2" O.D. ....	United States	307	-	25.6	2,517	-	140.4
	United Kingdom	377	-	1.9	2,841	-	11.3
	Belgium	40	-	-	855	-	-
	France	1,225	-	-	5,982	-	-
	Germany	331	-	-	3,707	-	-
	Japan	54	-	-	1,304	-	-
	Netherlands	17	-	-	58	-	-
	Sweden	-	-	-	13	-	5.3
Over 4 1/2" O.D. up to							
and including 16" O.D..	United States	134	-	13.6	778	2	124.0
	United Kingdom	-	-	-	3	-	-
	France	-	-	-	4	-	-
	Germany	2	-	-	2,840	-	-
	Sweden	-	-	-	32	-	1.0
Over 16" O.D. ....	United States	46	-	-	1,488	5	7.9
	United Kingdom	-	-	-	2,521	-	-
Oil country tubing up to							
and including 3 1/2" O.D.	United States	376	-	-	2,405	-	-
	United Kingdom	161	-	-	1,061	-	-
	Germany	-	-	-	456	-	-
	Japan	257	-	-	2,656	-	-
Casing:							
J-55 and H-40 .....	United States	379	-	-	1,562	-	-
	United Kingdom	34	-	-	2,781	-	-
	France	-	-	-	166	-	-
	Germany	-	-	-	387	-	-
	Italy	-	-	-	156	-	-
	Japan	595	-	-	2,533	-	-
All other casing .....	United States	135	-	-	1,355	-	-
	United Kingdom	-	-	-	819	-	-
	Japan	-	-	-	645	-	-
Conduit .....	United States	2	-	-	205	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	2	-	.1	119	-	1.6
	United Kingdom	933	-	-	9,638	-	-
	Belgium	-	-	-	1	-	-
	Germany	273	-	-	2,726	-	-
	Japan	304	-	-	1,330	-	-
For springs, cushions, etc. ....	United States	21	-	-	110	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	39	-	-	666	-	-
For corset clasps, dress stays, etc. ....	United States	5	-	-	30	-	-
	United Kingdom	2	-	-	29	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	28	-	7.4	222	-	31.0
	United Kingdom	23	-	-	160	-	-
	Austria	5	-	-	17	-	-
	Belgium	2	-	-	9	-	-
	Germany	-	-	-	11	-	-
	Japan	1	-	-	21	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	60	-	-	1,117	-	-
	Belgium	-	-	-	140	-	-
	France	20	-	-	225	-	-
	Germany	456	-	-	661	-	-
	Japan	-	-	-	3	-	-
Galvanized, n.e.s. ....	Netherlands	66	-	-	66	-	-
	United States	26	-	-	264	-	-
	United Kingdom	114	-	-	1,346	-	-
	Austria	17	-	-	174	-	-
	Belgium	81	-	-	389	-	-
	France	5	-	-	394	-	-
Wire, n.e.s. ....	Germany	40	-	-	126	-	-
	Italy	2	-	-	11	-	-
	Japan	30	-	-	850	-	-
	Netherlands	36	-	-	36	-	-
	United States	155	6	6.4	1,204	64	75.0
	United Kingdom	45	-	1.7	1,112	-	20.8
	Austria	107	-	-	516	-	-
	Belgium	94	-	-	751	-	-
	France	30	-	-	997	-	-
	Germany	218	-	.1	893	-	.3
	Japan	195	-	-	1,506	-	1.1
	Netherlands	25	-	-	187	-	-
	Sweden	21	-	17.9	98	-	40.0



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	15	-	.8	191	-	18.2
	United Kingdom	215	-	-	2,010	-	-
	Belgium	18	-	-	130	-	-
	Denmark	4	-	-	32	-	-
	France	37	-	-	461	-	-
	Germany	46	-	-	575	-	-
	Japan	228	-	-	1,549	-	-
	Netherlands	52	-	-	524	-	-
	Norway	2	-	-	94	-	-
	Sweden	2	-	-	9	-	-
Welding rods (cut length)	United States	147	65	36.9	1,000	726	263.4
	United Kingdom	21	5	-	470	8	-
	Australia	-	-	-	1	-	-
	Austria	-	-	1.5	-	1	8.9
	Germany	-	-	-	-	-	.7
	Japan	-	-	-	1	-	-
	Sweden	1	-	-	11	-	7.8
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	35	16	3.6	369	132	27.7
	United Kingdom	1	-	-	11	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	2.4	191	-	19.2
	United Kingdom	389	-	-	1,408	-	-
	Belgium	2,582	-	-	5,240	-	-
	Chile	-	-	-	97	-	-
	France	1,475	-	-	11,514	-	-
	Germany	2,095	-	-	7,759	-	3.8
	Japan	204	-	-	1,934	-	-
	Netherlands	-	-	-	232	-	-
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	74	-	-	83	-	-
	Belgium	33	-	-	33	-	-
	Germany	109	-	-	695	-	-
	Japan	-	-	-	20	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	927	-	-	3,347	-	-
	United Kingdom	51	-	-	51	-	-
Over 100 lb. per lineal yard .....	United States	12	-	-	288	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	October, 1961			Ten months ended October, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
							net tons of 2,000 pounds
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	6	-	-	529	-	-
	United Kingdom	1	-	-	2,047	-	-
	Belgium	2	-	-	2	-	-
	Germany	11	-	-	237	-	-
Switch points, guard rails	United States	4	-	-	50	-	-
	United Kingdom	-	-	-	10	-	-
Other railway material:							
Axles .....	United States	1	-	-	10	-	-
	United Kingdom	36	-	-	57	-	-
Steel tires .....	United States	5	-	-	102	-	-
	United Kingdom	6	-	-	46	-	-
Steel wheels .....	United States	44	-	-	92	-	-
	United Kingdom	7	-	-	1,405	-	-
Total imports , .....		81,513	4,126	1,308.0	628,438	30,549	9,795.1

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	October, 1961			Ten months ended October, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	28,818	3,400	728.6	293,682	27,581	5,921.8
United Kingdom .....	8,296	453	420.3	109,602	1,177	2,661.7
Australia .....	-	-	-	267	-	-
Austria .....	131	21	1.5	721	231	16.2
Belgium (1) .....	22,835	-	2.3	88,012	-	2.3
Chile .....	-	-	-	97	-	-
Denmark .....	4	-	-	32	-	-
France .....	7,909	-	19.5	39,604	7	344.7
Germany .....	8,666	25	.5	54,022	175	5.9
Hong Kong .....	-	-	-	25	-	-
Italy .....	2	-	-	351	2	-
Japan .....	4,393	-	63.7	39,037	-	294.6
Netherlands .....	196	-	-	1,108	-	-
Norway .....	2	-	-	119	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	149	227	71.6	1,066	1,376	547.9
Switzerland .....	112	-	-	693	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	81,513	4,126	1,308.0	628,438	30,549	9,795.1

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	October 1961	Ten months ended October, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	1.3	81.7
Cold rolled bars, n.e.s. ....	United States	-	.6
<u>Structural shapes:</u>			
Wide flange beams .....	United States	50.6	1,105.8
n.e.s. 3" to 6" .....	United States	1.9	75.1
n.e.s. over 6" .....	United States	9.7	238.8
bar size, n.e.s. ....	United States	-	4.6
<u>Plates:</u>			
60" and under in width ...	United States	58.8	375.6
Over 60" up to and including 100" in width .....	United States	12.8	158.6
	United Kingdom	6.9	32.8
Over 100" in width .....	United States	-	825.4
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width .....	United States	-	.1
24" to 51" in width .....	United States	38.1	216.0
Over 51" in width .....	United States	118.1	753.1
Cold rolled:			
24" to 51" in width .....	United States	-	47.9
Over 51" in width .....	United States	-	24.4
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	9.9
Total High Strength Low Alloy .....		298.2	3,950.4

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in Table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	August, 1961	Eight months ended August, 1961
	net tons of 2,000 pounds	
Pig iron .....	48,097	312,376
Sprong iron .....	136	1,809
Steel ingots .....	13,206	46,552
Blooms, billets, slab steel .....	22,013	144,127
Iron castings, n.e.s. ....	189	4,270
Steel castings .....	133	1,233
Forgings, n.e.s. ....	688	5,032
Bars steel, hot rolled .....	1,082	28,639
Wire rods steel, hot rolled .....	166	3,775
Bars steel, cold rolled .....	139	1,817
Plate steel .....	702	4,019
Sheets and strip, carbon steel hot rolled .....	4,552	42,918
Sheets and strip steel, n.e.s. ....	8,116	97,989
Structural shapes .....	790	6,068
Rails .....	5,618	51,549
Cast iron pipe .....	-	32
Pipes and tubes iron and steel, n.e.s. ....	2,257	17,258
Total .....	107,884	769,463

(1) Latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.









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# PRIMARY IRON AND STEEL

## NOVEMBER 1961

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TABLE 1. Description of Iron Blast Furnaces(1) at end of November, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	13	4,055,800	82.7
Banked .....	-	-	-
Blown out .....	4	849,100	17.3
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	November, 1961	Eleven months ended November, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	65,749	895,280
From foreign mines .....	193,473	1,885,213
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	124,064	1,244,443
From foreign mines .....	181,886	1,648,577
From own processing .....	147,578	1,573,896
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	20,725	228,591
Scrap iron and steel .....	5,421	76,280
Limestone .....	56,381	748,957
Dolomite .....	17,738	244,592
Coke .....	280,004	3,005,815

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).



TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, November

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	280,123	10,674	350,765	6,645
Foundry (including silvery pig) (2) .....	31,862	21,439	42,310	24,765
Malleable .....	21,426	25,918	53,100	26,434
Total pig iron .....	333,411	58,031	446,175	57,844
Ferro-alloys .....	11,489	15,111	11,047	12,036
Stocks of pig iron on hand at end of month .....	307,049		338,389	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Eleven months ended November

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	3,325,594	78,795	3,851,875	123,855
Foundry (including silvery pig) (2) .....	256,224	216,739	328,832	264,137
Malleable .....	401,967	334,335	337,801	334,870
Total pig iron .....	3,983,785	629,869	4,518,508	722,862
Ferro-alloys .....	128,731	1,292,254	106,455	113,985

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	November		Eleven months ended November	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	275,138	343,956	3,268,456	3,739,893
Scrap - Own make .....	126,859	170,835	1,522,225	1,682,086
Purchased .....	100,587	109,988	1,226,692	1,272,875
Total pig iron and scrap .....	502,584	624,779	6,017,373	6,694,854

TABLE 7. Production and Shipments of Steel Ingots and Castings, November

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	396,601	12,283	467,692	33,986
Electric .....	47,624	6,797	55,917	8,183
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots . ....	444,225	19,080	523,609	42,169
Alloy steel ingots included in above .....	16,395	348	19,758	877
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	197	197	352	352
Electric .....	7,237	8,252	10,347	7,495
Other .....	-	-	17	28
Total steel castings .....	7,434	8,449	10,716	9,875
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	227	177	243	210
High alloy, manganese and abrasion resistant ...	1,347	1,409	1,672	1,686
All other alloys .....	344	407	380	385
Total alloy castings .....	1,918	1,993	2,295	2,281

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Eleven months ended November

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	4,762,009	117,617	5,290,108	126,768
Electric .....	584,519	78,677	592,376	122,877
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	5,346,528	196,294	5,882,484	249,645
Alloy steel ingots included in above .....	218,154	6,700	223,845	5,752
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	2,459	2,927	2,637	2,637
Electric .....	86,859	87,293	98,174	96,119
Other .....	3	3	329	325
Total steel castings .....	89,321	90,223	101,140	99,081
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant .....	2,312	2,262	2,336	2,110
High alloy, manganese and abrasion resistant ...	16,856	16,509	15,219	14,911
All other alloys .....	3,180	3,007	4,427	4,118
Total alloy castings .....	22,348	21,778	21,982	21,139

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	November, 1961		Eleven months ended November, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	1	-
All other .....	4	510	17	1,936
Automotive industries .....	138	3	1,369	97
Agricultural, including implement and equipment manufacturers .....	81	13	941	28
Machinery and tools .....	1,541	490	14,350	3,362
Mining, lumbering and quarrying industries .....	758	736	7,091	8,743
Oil and gas, including refineries .....	113	31	1,108	764
National defence .....	5	6	129	93
Public works and public utilities .....	35	21	171	231
Railway operating .....	4,301	74	44,114	2,029
Railway cars and locomotives .....	404	17	6,842	363
Shipbuilding .....	55	4	487	99
Miscellaneous and unclassified .....	159	376	1,322	3,394
Total shipments .....	7,594	2,281	77,942	21,139

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
1 9 6 0					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
1 9 6 1					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....	441,328	9,111	531,868	7,469	539,337
August .....	437,808	9,367	573,062	9,899	582,961
September .....	441,168	10,752	552,564	9,742	562,306
October .....	458,738	13,315	577,998	10,223	588,221
November .....	446,175	11,047	523,609	10,716	534,325
December .....					
Totals .....					



TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, November

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	18,934	17,203	15,850	15,443
Over 4 1/2" outside diameter (including all sizes of casing) .....	51,578	46,442	12,264	20,523
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	6,252	5,613	7,355	6,863
Totals .....	76,764	69,258	35,469	42,829
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	69	78	72	70
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	479	467	565	430
Totals .....	548	545	637	500

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Eleven months ended November

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	171,873	168,507	172,683	168,471
Over 4 1/2 " outside diameter (including all sizes of casing) .....	212,219	194,910	368,492	396,505
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	64,070	61,977	71,140	67,202
Totals .....	448,162	425,394	612,315	632,178
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	996	1,081	767	971
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	5,095	5,495	4,850	5,326
Totals .....	6,091	6,576	5,617	6,297

(1) Included with other.



TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, November, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	5,803	7,561	4,856	2,705
For forging and piercing .....	19,682	17,465	-	17,465
Rails .....	-	5,794	-	5,794
Wire rods .....	32,792	32,140	-	32,140
Structural shapes:				
Heavy, including piling .....	27,648	25,652	-	25,652
Light .....	7,167	6,247	-	6,247
Concrete reinforcing bars .....	31,481	30,102	-	30,102
Other hot rolled bars .....	33,105	33,152	3,714	29,438
Tie plates and track material:				
Angle bars .....	-	13	-	13
Tie plates .....	-	5	-	5
Track spikes .....	305	125	-	125
Plates (including plates for pipes and tubes) .....	41,774	40,643	-	40,643
Hot rolled sheets and strip ....	216,388	213,830	149,452	64,378
Total hot rolled products ..	416,145	412,729	158,022	254,707
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,859	2,913	-	2,913
Cold reduced strip .....	4,367	3,954	-	3,954
Cold reduced sheets, tin mill black plate and tin plate ....	133,567	127,490	59,644	67,846
Galvanized sheets .....	28,429	28,675	-	28,675
Total cold rolled and coated .	169,222	163,032	59,644	103,388
Total carbon steel .....	585,367	575,761	217,666	358,095
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	1,106	1,106	-	1,106
Alloy plates .....	2	2	-	2
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	7,614	8,825	152	8,673
Structurals .....	-	-	-	-
Cold finished bars .....	673	624	-	624
Wire rods .....	159	151	-	151
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,377	2,549	-	2,549
Total alloy steel .....	11,931	13,257	152	13,105

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eleven months ended November, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	205,058	212,398	80,373	132,025
For forging and piercing .....	153,611	152,244	392	151,852
Rails .....	182,375	175,307	-	175,307
Wire rods .....	328,457	329,570	1,582	327,988
Structural shapes:				
Heavy, including piling .....	222,118	214,411	-	214,411
Light .....	68,032	66,749	-	66,749
Concrete reinforcing bars .....	387,832	384,103	505	383,598
Other hot rolled bars .....	316,599	312,574	26,850	285,724
Tie plates and track material:				
Angle bars .....	7,023	7,817	-	7,817
Tie plates .....	42,864	43,848	-	43,848
Track spikes .....	8,124	8,420	-	8,420
Plates (including plates for pipes and tubes) .....	631,517	621,068	1,573	619,495
Hot rolled sheets and strip ....	2,073,962	2,049,687	1,440,164	609,523
Total hot rolled products ..	4,627,572 <sup>r</sup>	4,578,196	1,551,439	3,026,757
<u>Cold rolled and coated:</u>				
Cold finished bars .....	29,298	29,664	-	29,664
Cold reduced strip .....	45,917	43,185	609	42,576
Cold reduced sheets, tin mill black plate and tin plate ....	1,416,007	1,426,077	664,261	761,816
Galvanized sheets .....	335,523	319,250	-	319,250
Total cold rolled and coated .	1,826,745	1,818,176	664,870	1,153,306
Total carbon steel .....	6,454,317 <sup>r</sup>	6,396,372	2,216,309	4,180,063
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	8,816	8,727	35	8,692
Alloy plates .....	460	5	-	5
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	72,626	72,221	844	71,377
Structurals .....	-	-	-	-
Cold finished bars .....	6,042	5,608	-	5,608
Wire rods .....	1,696	1,617	-	1,617
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	22,336	23,262	-	23,262
Total alloy steel .....	112,029	111,486	925	110,561

<sup>r</sup> Revised figures.

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		November, 1961		Eleven months ended November, 1961	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	57,870	590	549,186	5,953
5	Direct export:				
	(a) British Commonwealth .....	3,183	330	65,990	6,236
	(b) All other .....	25,837	1,183	346,380	11,120
6	Automotive industries .....	21,120	4,052	182,845	42,814
7	Agricultural, including implement and equipment manufacturers .....	10,749	465	85,514	2,631
8	Building construction .....	74,149	66	827,994	872
9	Container industry .....	20,840	35	326,385	367
10	Machinery and tools .....	18,702	2,574	178,843	15,597
11	Merchant trade products .....	35,822	1,528	383,655	7,495
12	Mining, lumbering, etc. ....	4,360	1,332	53,145	12,882
13	National defence .....	185	73	1,723	444
14	Pressing, forming and stamping .....	20,538	425	206,165	3,138
15	Public works and utilities .....	2,654	-	28,360	-
16	Railway operating .....	7,345	26	192,408	239
17	Railway cars and locomotives .....	2,829	3	38,757	14
18	Shipbuilding .....	6,247	10	63,261	88
19	Pipes and tubes .....	44,623	413	642,266	671
20	Miscellaneous and unclassified .....	1,042	-	7,186	-
	Net shipments .....	358,095	13,105	4,180,063	110,561

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	46	36	497	5,694	2,194	10,226	6,082
5	Direct export:							
	(a) British Commonwealth ....	-	-	808	-	-	1,182	215
	(b) All other .....	2,724	223	16	23	6	1,323	1,135
6	Automotive industries .	2,787	-	11	8	81	-	5,760
7	Agricultural, etc. ....	-	-	20	604	423	-	3,901
8	Building construction .	71	42	1,210	17,004	2,364	14,656	3,257
9	Container industry ....	-	-	-	-	-	-	14
10	Machinery and tools ...	1,263	15	341	652	53	62	5,317
11	Merchant trade .....	138	-	29,277	35	39	-	6,463
12	Mining, lumbering, etc.	167	245	98	307	56	142	3,788
13	National defence .....	-	-	-	-	-	120	43
14	Pressing, forming and stamping .....	44	-	12	249	770	-	937
15	Public works and utilities .....	-	-	1	163	-	2,162	133
16	Railway operating .....	26	5,174	-	55	31	61	484
17	Railway cars and locomotives .....	411	59	-	164	118	-	404
18	Shipbuilding .....	2	-	-	694	112	25	42
19	Pipes and tubes .....	13,597	-	-	-	-	143	28
20	Miscellaneous and unclassified .....	-	-	-	-	-	-	108
	Net shipments .....	21,276	5,794	32,291	25,652	6,247	30,102	38,111

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1	6,546	9,890	691	180	10,292	6,085	58,460	4
								5
-	-	352	9	-	430	517	3,513	(a)
10	809	4,585	15	-	8,481	7,670	27,020	(b)
-	169	8,250	951	1,128	5,630	397	25,172	6
-	797	3,911	757	15	737	49	11,214	7
4	13,401	5,687	31	258	4,890	11,340	74,215	8
-	-	172	1	21	20,455	212	20,875	9
1	5,397	4,862	489	244	2,530	50	21,276	10
-	146	399	342	7	486	18	37,350	11
17	154	309	53	-	355	1	5,692	12
-	-	77	13	5	-	-	258	13
-	128	5,642	161	1,320	9,868	1,832	20,963	14
-	49	-	-	-	146	-	2,654	15
110	819	302	3	-	3	303	7,371	16
-	1,527	111	-	-	38	-	2,832	17
-	5,261	87	1	-	33	-	6,257	18
-	5,442	22,291	2	210	3,145	178	45,036	19
-	-	-	18	566	327	23	1,042	20
143	40,645	66,927	3,537	3,954	67,846	28,675	371,200	



TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November, 1961

November, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	297	826	9,133	57,224	22,893	95,282	55,686
5.	Direct export:							
	(a) British Commonwealth ....	25,419	-	3,801	-	-	14,537	4,441
	(b) All other .....	115,406	36,749	1,023	1,108	11	13,931	8,902
6	Automotive industries .	21,700	-	377	745	668	1,241	60,665
7	Agricultural, etc. ....	62	-	212	4,538	5,571	-	32,612
8	Building construction .	160	1,169	12,538	125,400	25,305	217,050	27,380
9	Container industry ....	-	-	100	11	9	187	110
10	Machinery and tools ...	9,484	617	2,947	4,636	1,279	3,383	43,449
11	Merchant trade .....	2,063	-	297,689	1,107	1,196	13,760	58,625
12	Mining, lumbering, etc.	1,577	4,619	894	3,530	563	1,435	38,857
13	National defence .....	-	-	-	111	39	305	545
14	Pressing, forming and stamping .....	291	-	180	834	7,442	4	7,967
15	Public works and utilities .....	-	3	439	2,768	59	21,344	868
16	Railway operating .....	62	131,242	263	1,020	350	596	6,030
17	Railway cars and locomotives .....	6,744	59	1	7,671	746	-	6,718
18	Shipbuilding .....	14	23	-	3,685	469	76	3,266
19	Pipes and tubes .....	109,290	-	-	-	10	143	144
20	Miscellaneous and unclassified .....	-	-	8	23	139	324	836
	Net shipments .....	292,569	175,307	329,605	214,411	66,749	383,598	357,101

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
58	74,457	76,834	9,119	2,441	90,712	60,177	555,139	4
								5
-	3,405	5,300	138	29	7,263	7,893	72,226	(a)
11,149	11,183	49,398	58	98	66,557	41,927	357,500	(b)
-	2,669	70,341	9,270	9,445	43,864	4,674	225,659	6
-	4,968	23,901	5,153	220	7,789	3,119	88,145	7
1,622	135,336	57,461	271	3,486	54,523	167,165	828,866	8
-	69	2,303	7	92	322,646	1,218	326,752	9
129	52,547	37,190	4,449	6,716	23,729	3,885	194,440	10
-	987	6,243	3,634	265	5,044	537	391,150	11
717	6,361	3,281	615	26	3,073	479	66,027	12
-	312	338	135	382	-	-	2,167	13
-	5,232	53,788	2,331	10,564	97,984	22,686	209,303	14
19	1,648	392	-	195	625	-	28,360	15
46,281	4,065	1,617	33	-	85	1,003	192,647	16
108	8,507	6,011	4	-	668	1,534	38,771	17
2	54,104	1,275	7	-	117	311	63,349	18
-	253,487	237,084	7	4,543	36,056	2,173	642,937	19
-	163	28	41	4,074	1,081	469	7,186	20
60,085	619,500	632,785	35,272	42,576	761,816	319,250	4,290,624	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	-	-	-	147	-	-
	United Kingdom	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	6	10.2	325	124	54.5
Billets, blooms, slabs and sheet bars .....	United States	14	11	87.0	279	380	615.1
	United Kingdom	70	-	-	495	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	1,085	471	6.7	11,176	3,978	124.6
	United Kingdom	291	78	17.3	2,383	394	211.0
	Austria	-	3	-	-	26	5.0
	Belgium	2,684	-	-	13,040	-	-
	France	267	-	-	1,696	-	-
	Germany	497	9	-	3,746	11	-
	Hong King	-	-	-	25	-	-
	Japan	197	-	-	1,059	-	.9
	Sweden	-	14	-	31	22	24.1
Hot rolled bars for agricultural implements ..	United States	544	25	-	2,762	212	-
	United Kingdom	25	-	-	26	-	-
Rounds over 4 7/8", squares over 4" .....	United States	53	2	.1	679	76	1.7
	United Kingdom	28	6	1.9	454	39	6.2
Concrete reinforcing bars .	United States	-	-	-	122	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	8,367	-	-	27,070	-	-
	France	-	-	-	5,306	-	-
	Germany	3,550	-	-	12,694	-	-
	Japan	1,679	-	-	5,234	-	-
Sash or casement sections .	United States	99	-	-	1,133	-	-
	United Kingdom	32	-	-	364	-	-
	Belgium	130	-	-	467	-	-
Cold rolled bars, n.e.s. ..	United States	107	61	16.1	958	394	161.2
	United Kingdom	657	-	8.5	4,204	2	94.0
	Austria	-	1	-	-	1	2.3
	Belgium	74	-	-	326	-	-
	Germany	-	17	-	-	34	-
	Japan	14	-	-	131	-	-
	Sweden	6	-	-	14	4	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements	United States	32	-	-	331	20	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	201	186	-	1,898	997	-
	United Kingdom	4	91	-	141	335	-
	Austria	-	28	-	14	235	-
	France	-	-	-	-	4	-
	Germany	-	-	-	-	62	-
	Sweden	58	57	-	74	290	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	9,029	-	-	124,573	-	-
	United Kingdom	2,558	-	-	17,797	-	-
	Belgium	2,275	-	-	13,587	-	-
	France	-	-	-	289	-	-
	Germany	938	-	-	6,021	-	-
Sheet piling .....	United States	786	-	-	2,885	-	-
	United Kingdom	-	-	-	1,595	-	-
	Belgium	2,612	-	-	4,566	-	-
	France	-	-	-	58	-	-
	Germany	135	-	-	1,048	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	277	-	4.7	7,065	-	26.7
	United Kingdom	715	-	-	1,543	-	1.7
	Australia	-	-	-	253	-	-
	Belgium	3,098	-	-	14,330	-	-
	France	1,346	-	-	6,950	-	-
	Germany	63	-	-	723	-	-
	Japan	-	-	-	561	-	-
	Norway	-	-	-	25	-	-
Structurals, n.e.s. over 6" .....	United States	1,943	23	-	15,806	28	-
	United Kingdom	782	-	-	3,789	-	-
	Belgium	816	-	-	6,693	-	-
	France	1,401	-	-	5,274	-	-
	Germany	-	-	-	160	-	-
	Japan	-	-	-	330	-	-
Bar size structurals, n.e.s. ....	United States	259	-	8.7	2,218	-	81.9
	United Kingdom	229	-	.2	706	-	12.8
	Belgium	3,735	-	-	18,781	-	-
	France	364	-	-	3,048	-	-
	Germany	1,210	-	-	6,327	-	-
	Japan	88	-	-	348	-	-
	Sweden	-	-	12.3	-	-	48.5

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	176	-	-	1,077	-	-
<u>Plates:</u>							
60" and under in width ....	United States	184	504	25.5	2,680	1,351	400.9
	United Kingdom	176	60	13.6	3,202	95	286.6
	Australia	797	-	-	797	-	-
	Belgium	322	-	-	1,770	-	-
	France	-	-	-	-	-	69.9
	Germany	470	-	-	2,971	-	-
	Japan	225	-	-	5,182	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	12.3	-	-	61.9
Over 60" up to and including 100" in width .	United States	600	307	23.3	4,970	2,261	388.3
	United Kingdom	384	-	6.0	7,252	-	118.5
	Australia	479	-	-	479	-	-
	Belgium	246	-	-	292	-	-
	France	-	-	-	-	-	22.9
	Germany	57	-	-	3,864	-	-
	Japan	146	-	-	6,902	-	-
	Sweden	-	-	2.2	-	-	35.3
Over 100" in width .....	United States	751	14	-	5,133	78	72.3
	United Kingdom	-	-	-	921	-	-
	Japan	-	-	-	53	-	-
Flanged or dished .....	United States	267	-	4.8	2,623	27	58.9
Floor plate .....	United States	460	-	.3	4,475	6	1.7
	United Kingdom	130	-	-	1,476	-	-
	Belgium	-	-	-	29	-	-
	France	-	-	-	44	-	-
	Germany	-	-	-	88	-	-
	Japan	44	-	-	856	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	680	2	-	4,573	36	-
	United Kingdom	58	-	-	409	-	-
	Belgium	889	-	-	4,260	-	-
	France	24	-	-	437	-	-
	Germany	65	-	-	218	-	-
	Japan	15	-	-	15	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961		Eleven months ended November, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not including 24" in width .....	United States	22	16	609	89
	United Kingdom	-	-	-	-
	Belgium	-	-	20	-
24" to 51" in width .....	United States	284	2	2,622	131
	United Kingdom	16	-	54	1
	Australia	101	-	101	-
	Belgium	-	-	127	-
	Germany	115	-	276	-
	Japan	95	-	1,284	-
Over 51" in width .....	United States	757	3	8,638	248
	United Kingdom	56	-	124	-
	Germany	-	-	43	-
	Japan	27	-	380	-
Cold rolled:					
Under 24" in width .....	United States	342	2	3,635	53
	United Kingdom	275	-	660	-
	Belgium	21	-	103	-
	Germany	59	-	483	-
	Japan	-	-	29	-
	Netherlands	-	-	4	-
	Sweden	5	-	585	2
24" to 51" in width .....	United States	155	-	2,069	1
	United Kingdom	165	-	603	-
Over 51" in width .....	United States	834	-	9,478	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	668	-	7,782	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	277	-	1,606	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	766	-	8,493	-
	United Kingdom	6	-	231	-
	Germany	-	-	6	-
	Japan	-	-	1	-
Asbestos bonded (includes galvanized & corrugated).	United States	43	-	573	-
	United Kingdom	2	-	148	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961		Eleven months ended November, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	78	-	670	-
	United Kingdom	33	-	49	-
	Germany	5	-	69	-
Electro galvanized .....	United States	283	-	1,633	-
	United Kingdom	6	-	28	-
Galvanized n.e.s. ....	United States	236	-	2,364	-
	United Kingdom	41	-	113	-
	Belgium	-	-	88	-
	Japan	4	-	200	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,417	-	13,770
	United Kingdom	-	-	-	118
Electrical n.e.s. ....	United States	-	63	-	1,013
	United Kingdom	-	186	-	227
Saw steel .....	United States	72	128	305	1,237
	United Kingdom	-	-	9	16
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	7	10	129	179
Hot rolled wasters .....	United States	142	-	2,194	-
	United Kingdom	-	-	17	-
Cold rolled wasters .....	United States	555	-	3,375	-
	United Kingdom	448	-	548	-
	Australia	895	-	895	-
Black plate .....	United States	4	-	47	-
Tin plate primes .....	United States	53	-	673	-
	United Kingdom	46	-	210	-
Tin plate electrolytic ....	United States	28	-	320	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate primes .....	United States	638	-	5,791	-
	United Kingdom	-	-	-	-
Terne plate seconds .....	United States	33	-	37	-
	United Kingdom	138	-	885	-
Strip for hoop .....	United States	34	-	587	-
	United Kingdom	37	-	181	-
	Belgium	23	-	203	-
	Japan	-	-	174	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961	Eleven months ended November, 1961
		Stainless	Stainless
		net tons of 2,000 pounds	
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	.8	15.5
	United Kingdom	1.1	9.7
Under 24" in width lighter than 18 gauge .	United States	.1	9.6
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	13.6	111.3
	United Kingdom	73.6	589.4
	Belgium	-	2.3
	France	-	-
	Japan	-	2.5
	Sweden	99.2	387.0
24" up to and including 51" in width, lighter than 18 gauge .....	United States	-	37.9
	United Kingdom	8.0	149.3
	Sweden	-	2.1
Over 51" in width 18 gauge and heavier .....	United States	4.4	28.0
	United Kingdom	-	3.1
	Sweden	5.6	28.5
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	47.3	373.3
	United Kingdom	.5	.8
Under 24" in width lighter than 18 gauge .	United States	100.0	1,307.0
	United Kingdom	-	.6
	France	-	53.9
	Germany	-	1.1
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	136.0	1,475.4
	United Kingdom	99.4	1,295.2
	France	-	154.6
	Japan	49.2	334.5

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	1,333	-	-
	Australia	67	-	-	67	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Australia	1,451	-	-	1,451	-	-
	Japan	-	-	-	3,425	-	-
Cold rolled .....	United States	2	-	-	2	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	130	-	-	1,376	-	-
	Germany	-	-	-	51	-	-
Cast .....	United States	31	-	-	486	-	-
	United Kingdom	1,788	-	-	12,163	-	-
	Australia	149	-	-	162	-	-
	France	-	-	-	120	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	86	9	-	1,217	148	14.6
	United Kingdom	483	2	-	1,898	20	-
	France	-	-	-	6	-	-
	Italy	-	-	-	172	2	-
	Japan	52	-	-	52	-	-
Seamless cold drawn .....	United States	2	-	-	80	27	62.9
	United Kingdom	-	-	-	100	3	1.3
	France	-	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	-	-	.1	526	-	.1
	United Kingdom	65	-	-	1,595	-	-
	Germany	-	-	-	45	-	-
	Switzerland	202	-	-	895	-	-
Seamless cold drawn, n.e.s.	United States	70	1	22.4	1,286	77	186.8
	United Kingdom	28	-	10.0	424	9	87.1
	France	-	-	-	8	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Japan	-	-	-	13	-	-
	Sweden	23	-	9.6	149	-	45.2
Mechanical tubing .....	United States	905	571	3.2	8,087	3,580	76.6
	United Kingdom	35	53	-	326	350	2.4
	Germany	5	-	-	229	94	-
	Japan	-	-	-	9	-	-
	Sweden	-	137	-	-	1,097	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D, .....	United States	120	1	2.1	973	122	42.6
	United Kingdom	106	-	-	1,109	36	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	140	-	-
	Sweden	-	-	-	20	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	3	1	.3	181	6	1.3
	United Kingdom	41	-	-	1,264	-	-
	Germany	-	-	-	14	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	152	-	-	2,677	4	.4
	United Kingdom	24	-	-	11,235	-	-
	Germany	-	-	-	1,028	-	-
Over 16" O.D. ....	United States	458	-	-	2,110	2	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	595	27	-	3,881	27	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	330	-	10.3	2,847	-	150.7
	United Kingdom	371	-	.8	3,212	-	12.1
	Belgium	-	-	-	855	-	-
	France	688	-	-	6,670	-	-
	Germany	1,334	-	-	5,041	-	-
	Japan	23	-	-	1,327	-	-
	Netherlands	4	-	-	62	-	-
	Sweden	1	-	1.0	14	-	6.3
Over 4 1/2" O.D. up to and including 16" O.D..	United States	80	-	3.9	858	2	127.9
	United Kingdom	-	-	-	3	-	-
	France	-	-	-	4	-	-
	Germany	1	-	-	2,841	-	-
	Japan	19	-	-	19	-	-
	Sweden	-	-	-	32	-	1.0
Over 16" O.D. ....	United States	27	-	-	1,515	5	7.9
	United Kingdom	-	-	-	2,521	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	176	-	-	2,581	-	-
	United Kingdom	318	-	-	1,379	-	-
	Germany	-	-	-	456	-	-
	Japan	990	-	-	3,646	-	-
Casing:							
J-55 and H-40 .....	United States	279	-	-	1,841	-	-
	United Kingdom	515	-	-	3,296	-	-
	France	-	-	-	166	-	-
	Germany	-	-	-	387	-	-
	Italy	-	-	-	156	-	-
	Japan	1,307	-	-	3,840	-	-
All other casing .....	United States	34	-	-	1,389	-	-
	United Kingdom	34	-	-	853	-	-
	Japan	-	-	-	645	-	-
Conduit .....	United States	1	-	-	206	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	-	-	-	119	-	1.6
	United Kingdom	832	-	-	10,470	-	-
	Belgium	1	-	-	2	-	-
	Germany	214	-	-	2,940	-	-
	Japan	118	-	-	1,448	-	-
For springs, cushions, etc. ....	United States	-	-	-	110	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	89	-	-	755	-	-
For corset clasps, dress stays, etc. ....	United States	4	-	-	34	-	-
	United Kingdom	2	-	-	31	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	25	-	3.8	247	-	34.8
	United Kingdom	32	-	-	192	-	-
	Austria	-	-	-	17	-	-
	Belgium	5	-	-	14	-	-
	Germany	3	-	-	14	-	-
	Japan	-	-	-	21	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	254	-	-	1,371	-	-
	Belgium	-	-	-	140	-	-
	France	-	-	-	225	-	-
	Germany	100	-	-	761	-	-
	Japan	-	-	-	3	-	-
Galvanized, n.e.s. ....	Netherlands	-	-	-	66	-	-
	United States	19	-	-	283	-	-
	United Kingdom	199	-	-	1,545	-	-
	Austria	14	-	-	188	-	-
	Belgium	90	-	-	479	-	-
	France	43	-	-	437	-	-
Wire, n.e.s. ....	Germany	127	-	-	253	-	-
	Italy	1	-	-	12	-	-
	Japan	52	-	-	902	-	-
	Netherlands	-	-	-	36	-	-
	United States	163	2	5.1	1,367	66	80.1
	United Kingdom	67	-	10.0	1,179	-	30.8
Wire, n.e.s. ....	Austria	73	-	-	589	-	-
	Belgium	114	-	-	865	-	-
	France	75	-	-	1,072	-	-
	Germany	47	-	-	940	-	.3
	Japan	516	-	-	2,022	-	1.1
	Netherlands	-	-	-	187	-	-
	Sweden	-	-	.8	98	-	40.8

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	15	-	2.1	206	-	20.3
	United Kingdom	424	-	-	2,434	-	-
	Belgium	31	-	-	161	-	-
	Denmark	1	-	-	33	-	-
	France	52	-	-	513	-	-
	Germany	70	-	-	645	-	-
	Japan	62	-	-	1,611	-	-
	Netherlands	145	-	-	669	-	-
	Norway	2	-	-	96	-	-
	Sweden	-	-	-	9	-	-
Switzerland	8	-	-	8	-	-	
Welding rods (cut length) .	United States	45	65	16.9	1,045	791	280.3
	United Kingdom	39	8	-	509	16	-
	Australia	-	-	-	1	-	-
	Austria	-	-	.2	-	1	9.1
	Germany	-	-	-	-	-	.7
	Japan	-	-	1.5	1	-	1.5
	Sweden	2	-	1.3	13	-	9.1
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	40	34	2.7	409	166	30.4
	United Kingdom	3	-	-	14	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	3.6	191	-	22.8
	United Kingdom	170	-	-	1,578	-	-
	Australia	223	-	-	223	-	-
	Belgium	1,538	-	-	6,778	-	-
	Chile	-	-	-	97	-	-
	France	2,353	-	-	13,867	-	-
	Germany	898	-	-	8,657	-	3.8
	Japan	149	-	-	2,083	-	-
	Netherlands	55	-	-	287	-	-
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	-	-	-	83	-	-
	Belgium	-	-	-	33	-	-
	Germany	-	-	-	695	-	-
	Japan	-	-	-	20	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	24	-	-	3,371	-	-
	United Kingdom	-	-	-	51	-	-
	Germany	20	-	-	20	-	-
Over 100 lb. per lineal yard .....	United States	75	-	-	363	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	November, 1961			Eleven months ended November, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	6	-	-	535	-	-
	United Kingdom	-	-	-	2,047	-	-
	Belgium	-	-	-	2	-	-
	Germany	1	-	-	238	-	-
Switch points, guard rails	United States	3	-	-	53	-	-
	United Kingdom	-	-	-	10	-	-
Other railway material:							
Axles .....	United States	-	-	-	10	-	-
	United Kingdom	-	-	-	57	-	-
Steel tires .....	United States	4	-	-	106	-	-
	United Kingdom	3	-	-	49	-	-
Steel wheels .....	United States	-	-	-	92	-	-
	United Kingdom	152	-	-	1,557	-	-
Total imports .....		95,496	4,714	1,012.2	723,934	35,263	10,807.3

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	November, 1961			Eleven months ended November, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	27,755	3,954	566.1	321,437	31,535	6,487.9
United Kingdom .....	13,393	484	250.9	122,995	1,661	2,912.6
Australia .....	4,162	-	-	4,429	-	-
Austria .....	87	32	.2	808	263	16.4
Belgium (1) .....	27,071	-	-	115,083	-	2.3
Chile .....	-	-	-	97	-	-
Denmark .....	1	-	-	33	-	-
France .....	6,613	-	-	46,217	7	344.7
Germany .....	9,984	26	-	64,006	201	5.9
Hong Kong .....	-	-	-	25	-	-
Italy .....	1	-	-	352	2	-
Japan .....	5,911	-	50.7	44,948	-	345.3
Netherlands .....	204	-	-	1,312	-	-
Norway .....	2	-	-	121	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	102	218	144.3	1,168	1,594	692.2
Switzerland .....	210	-	-	903	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	95,496	4,714	1,012.2	723,934	35,263	10,807.3

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	November 1961	Eleven months ended November, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	13.7	95.4
Cold rolled bars, n.e.s. ....	United States	-	.6
<u>Structural shapes:</u>			
Wide flange beams .....	United States	44.7	1,150.5
n.e.s. 3" to 6" .....	United States	14.0	89.1
n.e.s. over 6" .....	United States	-	238.8
bar size, n.e.s. ....	United States	-	4.6
<u>Plates:</u>			
60" and under in width .....	United States	25.0	400.6
Over 60" up to and including 100" in width .....	United States	40.0	198.6
	United Kingdom	-	32.8
Over 100" in width .....	United States	91.3	916.7
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width .....	United States	-	.1
24" to 51" in width .....	United States	18.2	234.2
	United Kingdom	12.4	12.4
Over 51" in width .....	United States	70.8	823.9
	United Kingdom	28.4	28.4
Cold rolled:			
24" to 51" in width .....	United States	16.5	64.4
	United Kingdom	4.9	4.9
Over 51" in width .....	United States	23.2	47.6
<u>Pipes and tubes:</u>			
Mechanical tubing .....	United States	-	9.9
Total High Strength Low Alloy .....		403.1	4,353.5

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in Table 14. Data shown above reveal the amounts so classified during the current month.



TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	September, 1961	Nine months ended September, 1961
	net tons of 2,000 pounds	
Pig iron .....	50,233	362,609
Sprong iron .....	229	2,038
Steel ingots .....	17,966	64,518
Blooms, billets, slab steel .....	12,090	156,217
Iron castings, n.e.s. ....	591	4,861
Steel castings .....	96	1,329
Forgings, n.e.s. ....	788	5,820
Bars steel, hot rolled .....	1,932	30,571
Wire rods steel, hot rolled .....	551	4,326
Bars steel, cold rolled .....	290	2,107
Plate steel .....	125	4,144
Sheets and strip, carbon steel hot rolled .....	2,787	45,705
Sheets and strip steel, n.e.s. ....	13,599	111,588
Structural shapes .....	4,445	10,513
Rails .....	2,885	54,434
Cast iron pipe .....	-	32
Pipes and tubes iron and steel, n.e.s. ....	2,002	19,260
Total .....	110,609	880,072

(1) Latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.







CATALOGUE No.

41-001

MONTHLY



CANADA

# PRIMARY IRON AND STEEL

## DECEMBER 1961



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TABLE 1. Description of Iron Blast Furnaces(1) at end of December, 1961

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast .....	12	3,838,300	78.3
Banked .....	-	-	-
Blown out .....	5	1,066,600	21.7
Totals .....	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	December, 1961	Twelve months ended December, 1961
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	51,374	946,654
From foreign mines .....	194,124	2,079,337
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	111,811	1,356,254
From foreign mines .....	137,707	1,786,284
From own processing .....	146,557	1,720,453
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	16,886	245,477
Scrap iron and steel .....	6,642	82,922
Limestone .....	52,821	801,778
Dolomite .....	24,020	268,612
Coke .....	261,572	3,267,387

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, December

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	260,949	1,115	332,833	2,460
Foundry (including silvery pig) (2) .....	21,696	37,124	39,284	29,072
Malleable .....	11,995	9,080	34,770	25,686
Total pig iron .....	294,640	47,319	406,887	57,218
Ferro-alloys .....	8,525	7,268	11,481	8,954
Stocks of pig iron on hand at end of month .....	318,063		369,547	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Twelve months ended December

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	3,586,543	79,910	4,184,708	126,315
Foundry (including silvery pig) (2) .....	277,920	253,863	368,116	293,209
Malleable .....	413,962	343,415	372,571	360,556
Total pig iron .....	4,278,425	677,188	4,925,395	780,080
Ferro-alloys .....	137,256	136,522	117,936	122,939

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1961

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	4,477,000
Electric .....	1,021,400
Oxygen .....	1,770,000
Total ingots .....	7,268,400
Steel castings .....	575,550
Total ingots and castings .....	7,843,950

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	December		Twelve months ended December	
	1960	1961	1960	1961
	net tons of 2,000 pounds			
Pig iron .....	232,629	315,006	3,501,085	4,054,899
Scrap - Own make .....	104,315	137,701	1,626,540	1,819,787
Purchased .....	63,131	90,875	1,289,823	1,363,750
Total pig iron and scrap .....	400,075	543,582	6,417,448	7,238,436

TABLE 7. Production and Shipments of Steel Ingots and Castings, December

	1960		1961	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots, (both carbon and alloy):</u>				
Basic open hearth .....	305,665	10,674	422,739	29,515
Electric .....	40,577	5,776	50,934	6,221
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	346,242	16,450	473,673	35,736
Alloy steel ingots included in above .....	15,699	315	24,121	447
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	235	235	384	384
Electric .....	7,244	7,342	8,613	8,982
Other .....	-	-	30	14
Total steel castings .....	7,479	7,577	9,027	9,380
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	175	190	228	207
High alloy, manganese and abrasion resistant ...	1,093	1,214	1,419	1,393
All other alloys .....	264	285	340	334
Total alloy castings .....	1,532	1,689	1,987	1,934

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Twelve Months Ended December

	1960		1961	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth .....	5,067,674	128,291	5,712,847	156,283
Electric .....	625,096	84,453	643,310	129,098
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	5,692,770	212,744	6,356,157	285,381
Alloy steel ingots included in above .....	233,853	7,015	247,966	6,199
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	2,694	3,162	3,021	3,021
Electric .....	94,103	94,635	106,787	105,101
Other .....	3	3	359	339
Total steel castings .....	96,800	97,800	110,167	108,461
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	2,487	2,452	2,564	2,317
High alloy, manganese and abrasion resistant ...	17,949	17,723	16,638	16,304
All other alloys .....	3,444	3,292	4,767	4,452
Total alloy castings .....	23,880	23,467	23,969	23,073

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	December, 1961		Twelve months ended December, 1961	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	-	1	-
All other .....	-	205	17	2,141
Automotive industries .....	161	7	1,530	104
Agricultural, including implement and equipment manufacturers .....	148	15	1,089	43
Machinery and tools .....	1,526	381	15,876	3,743
Mining, lumbering and quarrying industries .....	559	852	7,650	9,595
Oil and gas, including refineries .....	65	27	1,173	791
National defence .....	10	14	139	107
Public works and public utilities .....	8	14	179	245
Railway operating .....	4,485	117	48,599	2,146
Railway cars and locomotives .....	319	3	7,161	366
Shipbuilding .....	24	2	511	101
Miscellaneous and unclassified .....	141	297	1,463	3,691
Total shipments .....	7,446	1,934	85,388	23,073

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.



TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1 9 6 0</u>					
January .....	374,523	11,707	562,152	7,905	570,057
February .....	357,343	10,065	544,720	6,837	551,557
March .....	419,161	13,803	585,922	9,793	595,715
April .....	395,118	13,552	505,373	10,945	516,318
May .....	393,086	13,582	488,523	9,885	498,408
June .....	335,532	12,913	434,070	9,353	443,423
July .....	337,018	11,687	435,336	5,467	440,803
August .....	328,764	10,852	424,500	6,969	431,469
September .....	341,786	8,878	442,638	7,937	450,575
October .....	368,043	10,203	479,069	6,796	485,865
November .....	333,411	11,489	444,225	7,434	451,659
December .....	294,640	8,525	346,242	7,479	353,721
Totals .....	4,278,425	137,256	5,692,770	96,800	5,789,570
<u>1 9 6 1</u>					
January .....	331,028	8,631	450,591	6,797	457,388
February .....	323,324	7,786	464,523	7,886	472,409
March .....	388,851	10,083	555,299	9,899	565,198
April .....	412,022	8,638	545,408	8,760	554,168
May .....	419,746	9,605	552,806	9,261	562,067
June .....	418,320	8,120	554,756	10,488	565,244
July .....	441,328	9,111	531,868	7,469	539,337
August .....	437,808	9,367	573,062	9,899	582,961
September .....	441,168	10,752	552,564	9,742	562,306
October .....	458,738	13,315	577,998	10,223	588,221
November .....	446,175	11,047	523,609	10,716	534,325
December .....	406,887	11,481	473,673	9,027	482,700
Totals .....	4,925,395	117,936	6,356,157	110,167	6,466,324

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, December

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing) .....	10,895	8,022	10,958	10,245
Over 4 1/2" outside diameter (including all sizes of casing) .....	57,131	57,401	10,370	15,240
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,015	5,215	5,147	4,828
Totals .....	73,041	70,638	26,475	30,313
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	23	33	53	41
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	374	337	521	435
Totals .....	397	370	574	476
(1) Included with other				

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Twelve months ended December

	1960		1961	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing) .....	182,768	176,529	183,641	178,716
Over 4 1/2 " outside diameter (including all sizes of casing) .....	269,350	252,311	378,862	411,745
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	69,085	67,192	76,287	72,030
Totals .....	521,203	496,032	638,790	662,491
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	1,019	1,114	820	1,012
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	5,469	5,832	5,371	5,761
Totals .....	6,488	6,946	6,191	6,773
(1) Included with other.				

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, December, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	2,775	3,554	3,554	-
For forging and piercing .....	14,819	14,806	-	14,806
Rails .....	16,194	19,236	-	19,236
Wire rods .....	27,654	25,960	-	25,960
Structural shapes:				
Heavy, including piling .....	21,733	22,209	-	22,209
Light .....	8,977	8,390	-	8,390
Concrete reinforcing bars .....	23,853	20,535	-	20,535
Other hot rolled bars .....	31,544	25,354	1,658	23,696
Tie plates and track material:				
Angle bars .....	-	- 2	-	- 2
Tie plates .....	787	2	-	2
Track spikes .....	343	-78	-	-78
Plates (including plates for pipes and tubes) .....	36,352	41,454	-	41,454
Hot rolled sheets and strip ....	184,114	185,556	139,625	45,931
Total hot rolled products ..	369,145	366,976	144,837	222,139
<u>Cold rolled and coated:</u>				
Cold finished bars .....	2,517	2,590	-	2,590
Cold reduced strip .....	5,125	4,695	-	4,695
Cold reduced sheets, tin mill black plate and tin plate ....	108,493	95,527	41,026	54,501
Galvanized sheets .....	21,924	18,179	-	18,179
Total cold rolled and coated .	138,059	120,991	41,026	79,965
Total carbon steel .....	507,204	487,967	185,863	302,104
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	861	853	-	853
Alloy plates .....	102	-	-	-
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	7,350	7,362	33	7,329
Structurals .....	-	-	-	-
Cold finished bars .....	456	466	-	466
Wire rods .....	141	151	-	151
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,489	2,438	-	2,438
Total alloy steel .....	11,399	11,270	33	11,237

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Twelve Months Ended December, 1961

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling .....	207,833	215,952	83,927	132,025
For forging and piercing .....	168,430	167,050	392	166,658
Rails .....	198,569	194,543	-	194,543
Wire rods .....	356,111	355,530	1,582	353,948
Structural shapes:				
Heavy, including piling .....	243,851	236,620	-	236,620
Light .....	77,009	75,139	-	75,139
Concrete reinforcing bars .....	411,685	404,638	505	404,133
Other hot rolled bars .....	348,143	337,928	28,508	309,420
Tie plates and track material:				
Angle bars .....	7,023	7,815	-	7,815
Tie plates .....	43,651	43,850	-	43,850
Track spikes .....	8,467	8,342	-	8,342
Plates (including plates for pipes and tubes) .....	667,869	662,522	1,573	660,949
Hot rolled sheets and strip ....	2,258,076	2,235,243	1,579,789	655,454
Total hot rolled products ..	4,996,717	4,945,172	1,696,276	3,248,896
<u>Cold rolled and coated:</u>				
Cold finished bars .....	31,815	32,254	-	32,254
Cold reduced strip .....	51,042	47,880	609	47,271
Cold reduced sheets, tin mill black plate and tin plate ....	1,524,500	1,521,604	705,287	816,317
Galvanized sheets .....	357,447	337,429	-	337,429
Total cold rolled and coated ..	1,964,804	1,939,167	705,896	1,233,271
Total carbon steel .....	6,961,521	6,884,339	2,402,172	4,482,167
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	53	46	46	-
For forging and piercing .....	9,677	9,580	35	9,545
Alloy plates .....	562	5	-	5
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	79,976	79,583	877	78,706
Structurals .....	-	-	-	-
Cold finished bars .....	6,498	6,074	-	6,074
Wire rods .....	1,837	1,768	-	1,768
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	24,825	25,700	-	25,700
Total alloy steel .....	123,428	122,756	958	121,798



TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		December, 1961		Twelve months ended December, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
4	Wholesalers and warehouses .....	50,485	622	599,671	6,575
5	Direct export:				
	(a) British Commonwealth .....	-3,059	295	62,931	6,531
	(b) All other .....	25,951	1,041	372,331	12,161
6	Automotive industries .....	19,475	4,347	202,320	47,161
7	Agricultural, including implement and equipment manufacturers .....	11,125	251	96,639	2,882
8	Building construction .....	60,080	100	888,074	972
9	Container industry .....	13,358	70	339,743	437
10	Machinery and tools .....	17,158	2,244	196,001	17,841
11	Merchant trade products .....	28,425	968	412,080	8,463
12	Mining, lumbering, etc. ....	4,821	1,044	57,966	13,926
13	National defence .....	76	30	1,799	474
14	Pressing, forming and stamping .....	17,388	188	223,553	3,326
15	Public works and utilities .....	2,382	-	30,742	-
16	Railway operating .....	19,107	11	211,515	250
17	Railway cars and locomotives .....	1,822	1	40,579	15
18	Shipbuilding .....	5,255	10	68,516	98
19	Pipes and tubes .....	27,215	15	669,481	686
20	Miscellaneous and unclassified .....	1,040	-	8,226	-
Net shipments .....		302,104	11,237	4,482,167	121,798

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.



TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, December, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	-	65	396	6,019	3,313	7,024	5,173
5	Direct export:							
	(a) British Commonwealth ....	2	-	-	-	-	11	123
	(b) All other .....	216	693	422	3	-	240	1,163
6	Automotive industries .	2,533	-	43	38	63	-	5,833
7	Agricultural, etc. ....	1	-	14	526	701	-	3,685
8	Building construction .	7	59	653	13,725	2,827	10,631	1,970
9	Container industry ....	-	-	12	-	-	-	1
10	Machinery and tools ...	767	83	220	497	466	282	4,764
11	Merchant trade .....	123	-	24,257	44	97	-	2,832
12	Mining, lumbering, etc.	235	353	82	548	37	94	3,417
13	National defence .....	-	-	-	-	-	38	46
14	Pressing, forming and stamping .....	-	-	9	71	640	-	595
15	Public works and utilities .....	8	-	-	54	-	2,194	77
16	Railway operating .....	-	17,976	3	247	83	14	405
17	Railway cars and locomotives .....	205	7	-	52	83	-	495
18	Shipbuilding .....	-	-	-	385	80	-	340
19	Pipes and tubes .....	11,562	-	-	-	-	-	1
20	Miscellaneous and unclassified .....	-	-	-	-	-	7	105
	Net shipments .....	15,659	19,236	26,111	22,209	8,390	20,535	31,025

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, December, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
15	6,967	8,415	754	151	8,956	3,859	51,107	4
								5
-	-3,405	158	12	-	71	264	-2,764	(a)
1	8,763	2,993	-	-	9,359	3,139	26,992	(b)
-	151	8,362	912	822	4,375	690	23,822	6
-	914	3,307	457	222	1,384	165	11,376	7
1	12,931	5,538	14	276	3,507	8,041	60,180	8
-	-	201	1	27	13,026	160	13,428	9
4	6,109	3,465	265	365	1,909	206	19,402	10
-	25	1,298	324	37	302	54	29,393	11
8	554	295	50	-	170	22	5,865	12
-	-	10	10	2	-	-	106	13
-	313	4,196	232	1,903	8,353	1,264	17,576	14
-	27	-	-	-	22	-	2,382	15
-107	148	247	7	-	31	64	19,118	16
-	824	110	1	-	46	-	1,823	17
-	4,227	177	2	-	54	-	5,265	18
-	2,906	9,597	1	129	2,805	229	27,230	19
-	-	-	14	761	131	22	1,040	20
-78	41,454	48,369	3,056	4,695	54,501	18,179	313,341	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended December, 1961

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses .....	297	891	9,529	63,243	26,206	102,306	60,859
5	Direct export:							
	(a) British Commonwealth ....	25,421	-	3,801	-	-	14,548	4,564
	(b) All other .....	115,622	37,442	1,445	1,111	11	14,171	10,065
6	Automotive industries .	24,233	-	420	783	731	1,241	66,498
7	Agricultural, etc. ....	63	-	226	5,064	6,272	-	36,297
8	Building construction .	167	1,228	13,191	139,125	28,132	227,681	29,350
9	Container industry ....	-	-	112	11	9	187	111
10	Machinery and tools ...	10,251	700	3,167	5,133	1,745	3,665	48,213
11	Merchant trade .....	2,186	-	321,946	1,151	1,293	13,760	61,457
12	Mining, lumbering, etc.	1,812	4,972	976	4,078	600	1,529	42,274
13	National defence .....	-	-	-	111	39	343	591
14	Pressing, forming and stamping .....	291	-	189	905	8,082	4	8,562
15	Public works and utilities .....	8	3	439	2,822	59	23,538	945
16	Railway operating .....	62	149,218	266	1,267	433	610	6,435
17	Railway cars and locomotives .....	6,949	66	1	7,723	829	-	7,213
18	Shipbuilding .....	14	23	-	4,070	549	76	3,606
19	Pipes and tubes .....	120,852	-	-	-	10	143	145
20	Miscellaneous and unclassified .....	-	-	8	23	139	331	941
	Net shipments .....	308,228	194,543	355,716	236,620	75,139	404,133	388,126

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended December, 1961

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
73	81,424	85,249	9,873	2,592	99,668	64,036	606,246	4
								5
-	-	5,458	150	29	7,334	8,157	69,462	(a)
11,150	19,946	52,391	58	98	75,916	45,066	384,492	(b)
-	2,820	78,703	10,182	10,267	48,239	5,364	249,481	6
-	5,882	27,208	5,610	442	9,173	3,284	99,521	7
1,623	148,267	62,999	285	3,762	58,030	175,206	889,046	8
-	69	2,504	8	119	335,672	1,378	340,180	9
133	58,656	40,655	4,714	7,081	25,638	4,091	213,842	10
-	1,012	7,541	3,958	302	5,346	591	420,543	11
725	6,915	3,576	665	26	3,243	501	71,892	12
-	312	348	145	384	-	-	2,273	13
-	5,545	57,984	2,563	12,467	106,337	23,950	226,879	14
19	1,675	392	-	195	647	-	30,742	15
46,174	4,213	1,864	40	-	116	1,067	211,765	16
108	9,331	6,121	5	-	714	1,534	40,594	17
2	58,331	1,452	9	-	171	311	68,614	18
-	256,393	246,681	8	4,672	38,861	2,402	670,167	19
-	163	28	55	4,835	1,212	491	8,226	20
60,007	660,954	681,154	38,328	47,271	816,317	337,429	4,603,965	

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Silvery .....	United States	-	-	-	-	-	-
Other .....	United States	15	-	-	162	-	-
	United Kingdom	-	-	-	56	-	-
<u>Ingots and semi-finished:</u>							
Ingots .....	United States	-	69	9.1	325	193	63.6
Billets, blooms, slabs and sheet bars .....	United States	33	44	134.7	312	424	749.8
	United Kingdom	-	-	-	495	-	-
<u>Bars and sections:</u>							
Hot rolled bars, n.e.s. ...	United States	983	320	8.1	12,159	4,298	132.7
	United Kingdom	220	37	49.6	2,603	431	260.6
	Austria	-	14	-	-	40	5.0
	Belgium	1,126	-	-	14,166	-	-
	France	211	-	-	1,907	-	-
	Germany	1,008	9	-	4,754	20	-
	Hong Kong	-	-	-	25	-	-
	Japan	62	-	-	1,121	-	.9
	Sweden	2	-	1.6	33	22	25.7
Hot rolled bars for agricultural implements ..	United States	372	-	-	3,134	212	-
	United Kingdom	-	-	-	26	-	-
Rounds over 4 7/8", squares over 4" .....	United States	64	11	-	743	87	1.7
	United Kingdom	39	-	2.3	493	39	8.5
Concrete reinforcing bars .	United States	-	-	-	122	-	-
	United Kingdom	-	-	-	-	-	-
	Belgium	3,269	-	-	30,339	-	-
	France	-	-	-	5,306	-	-
	Germany	851	-	-	13,545	-	-
	Japan	952	-	-	6,186	-	-
Sash or casement sections .	United States	222	-	-	1,355	-	-
	United Kingdom	-	-	-	364	-	-
	Belgium	18	-	-	485	-	-
Cold rolled bars, n.e.s. ...	United States	76	53	11.1	1,034	447	172.3
	United Kingdom	61	-	10.6	4,265	2	104.6
	Austria	-	-	-	-	1	2.3
	Belgium	5	-	-	331	-	-
	Germany	-	-	-	-	34	-
	Japan	20	-	-	151	-	-
	Sweden	1	-	-	15	4	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Bars and sections - Concluded:</u>							
Cold rolled bars for agricultural implements .	United States	62	3	-	393	23	-
	United Kingdom	-	-	-	11	-	-
<u>Tool steel:</u>							
All forms and sizes .....	United States	97	135	-	1,995	1,132	-
	United Kingdom	2	19	-	143	354	-
	Austria	-	26	-	14	261	-
	France	-	-	-	-	4	-
	Germany	-	4	-	-	66	-
	Sweden	6	21	-	80	311	-
<u>Structural shapes:</u>							
Wide flange beams .....	United States	7,151	-	-	131,724	-	-
	United Kingdom	6,205	-	-	24,002	-	-
	Belgium	498	-	-	14,085	-	-
	France	-	-	-	289	-	-
	Germany	947	-	-	6,968	-	-
Sheet piling .....	United States	116	-	-	3,001	-	-
	United Kingdom	34	-	-	1,629	-	-
	Belgium	1,794	-	-	6,360	-	-
	France	-	-	-	58	-	-
	Germany	-	-	-	1,048	-	-
	Japan	-	-	-	177	-	-
Structurals, n.e.s. 3" to 6" .....	United States	518	-	2.0	7,583	-	28.7
	United Kingdom	181	-	-	1,724	-	1.7
	Australia	-	-	-	253	-	-
	Belgium	1,157	-	-	15,487	-	-
	France	634	-	-	7,584	-	-
	Germany	-	-	-	723	-	-
	Japan	-	-	-	561	-	-
	Norway	-	-	-	25	-	-
Structurals, n.e.s. over 6"	United States	808	-	-	16,614	28	-
	United Kingdom	57	-	-	3,846	-	-
	Belgium	261	-	-	6,954	-	-
	France	488	-	-	5,762	-	-
	Germany	-	-	-	160	-	-
	Japan	-	-	-	330	-	-
Bar size structurals, n.e.s. ....	United States	254	-	8.5	2,472	-	90.4
	United Kingdom	118	-	.4	824	-	13.2
	Belgium	1,497	-	-	20,278	-	-
	France	301	-	-	3,349	-	-
	Germany	532	-	-	6,859	-	-
	Japan	11	-	-	359	-	-
	Sweden	-	-	13.8	-	-	62.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Structural shapes - Concluded</u>							
Bar size structurals for agricultural implements .	United States	82	-	-	1,159	-	-
<u>Plates:</u>							
60" and under in width ....	United States	302	408	51.0	2,982	1,759	451.9
	United Kingdom	21	14	17.7	3,223	109	304.3
	Australia	233	-	-	1,030	-	-
	Belgium	222	-	-	1,992	-	-
	France	-	-	-	-	-	69.9
	Germany	508	-	-	3,479	-	-
	Japan	38	-	-	5,220	-	-
	Netherlands	-	-	-	1	-	-
	Sweden	-	-	5.2	-	-	67.1
Over 60" up to and including 100" in width .	United States	419	602	23.9	5,389	2,863	412.2
	United Kingdom	73	-	-	7,325	-	118.5
	Australia	69	-	-	548	-	-
	Belgium	127	-	-	419	-	-
	France	-	-	-	-	-	22.9
	Germany	657	-	-	4,521	-	-
	Japan	36	-	-	6,938	-	-
	Sweden	-	-	7.5	-	-	42.8
Over 100" in width .....	United States	95	29	-	5,228	107	72.3
	United Kingdom	-	-	-	921	-	-
	Japan	-	-	-	53	-	-
Flanged or dished .....	United States	173	8	4.1	2,796	35	63.0
Floor plate .....	United States	419	-	.3	4,894	6	2.0
	United Kingdom	415	-	-	1,891	-	-
	Belgium	-	-	-	29	-	-
	France	-	-	-	44	-	-
	Germany	19	-	-	107	-	-
	Japan	87	-	-	943	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled:							
Under 12" in width .....	United States	540	17	-	5,113	53	-
	United Kingdom	16	-	-	425	-	-
	Belgium	361	-	-	4,621	-	-
	France	5	-	-	442	-	-
	Germany	-	-	-	218	-	-
	Japan	-	-	-	15	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961		Twelve months ended December, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Continued:</u>					
Hot rolled:					
12" up to but not in- cluding 24" in width .....	United States	60	-	669	89
	United Kingdom	-	-	-	-
	Belgium	-	-	20	-
24" to 51" in width .....	United States	193	4	2,815	135
	United Kingdom	-	-	54	1
	Australia	310	-	411	-
	Belgium	37	-	164	-
	Germany	28	-	304	-
	Japan	-	-	1,284	-
Over 51" in width .....	United States	410	-	9,048	248
	United Kingdom	-	-	124	-
	Germany	-	-	43	-
	Japan	-	-	380	-
Cold rolled:					
Under 24" in width .....	United States	318	7	3,953	60
	United Kingdom	7	-	667	-
	Belgium	46	-	149	-
	Germany	15	-	498	-
	Japan	-	-	29	-
	Netherlands	-	-	4	-
	Sweden	24	-	609	2
24" to 51" in width .....	United States	241	-	2,310	1
	United Kingdom	147	-	750	-
	Australia	1,370	-	1,370	-
Over 51" in width .....	United States	900	-	10,378	-
	United Kingdom	-	-	-	-
Enamelling grade .....	United States	514	-	8,296	-
	United Kingdom	-	-	14	-
Aluminized .....	United States	435	-	2,041	-
	United Kingdom	-	-	-	-
Coated (other than metal or asbestos bonded) .....	United States	578	-	9,071	-
	United Kingdom	-	-	231	-
	Germany	5	-	11	-
	Japan	-	-	1	-
Asbestos bonded (includes galvanized & corrugated).	United States	57	-	630	-
	United Kingdom	95	-	243	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961		Twelve months ended December, 1961	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded</u>					
Metal coated, n.e.s. ....	United States	119	-	789	-
	United Kingdom	-	-	49	-
	Germany	6	-	75	-
Electro galvanized .....	United States	235	-	1,868	-
	United Kingdom	-	-	28	-
Galvanized n.e.s. ....	United States	429	-	2,793	-
	United Kingdom	8	-	121	-
	Belgium	-	-	88	-
	Japan	30	-	230	-
Electrical (silicon content 2.90 or more) .....	United States	-	1,434	-	15,204
	United Kingdom	-	-	-	118
Electrical n.e.s. ....	United States	-	53	-	1,066
	United Kingdom	-	87	-	314
Saw steel .....	United States	45	117	350	1,354
	United Kingdom	2	2	11	18
	France	-	-	-	3
	Germany	-	-	-	-
	Sweden	-	13	129	192
Hot rolled wasters .....	United States	112	-	2,306	-
	United Kingdom	22	-	39	-
Cold rolled wasters .....	United States	789	-	4,164	-
	United Kingdom	55	-	603	-
	Australia	-	-	895	-
Black plate .....	United States	4	-	51	-
Tin plate primes .....	United States	189	-	862	-
	United Kingdom	24	-	234	-
Tin plate electrolytic ....	United States	6	-	326	-
	United Kingdom	-	-	1,850	-
Tin plate wasters and seconds .....	United States	-	-	-	-
Terne plate primes .....	United States	645	-	6,436	-
	United Kingdom	-	-	-	-
Terne plate seconds .....	United States	21	-	58	-
	United Kingdom	-	-	885	-
Strip for hoop .....	United States	25	-	612	-
	United Kingdom	36	-	217	-
	Belgium	-	-	203	-
	Japan	-	-	174	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961	Twelve months ended December, 1961
		Stainless	Stainless
		net tons of 2,000 pounds	
<u>Stainless sheets and strip:</u>			
Hot rolled:			
Under 24" in width 18 gauge and heavier .....	United States	1.0	16.5
	United Kingdom	-	9.7
Under 24" in width lighter than 18 gauge .	United States	-	9.6
	United Kingdom	-	-
24" up to and including 51" in width, 18 gauge and heavier .....	United States	5.6	116.9
	United Kingdom	87.2	676.6
	Belgium	-	2.3
	France	-	-
	Japan	-	2.5
	Sweden	47.2	434.2
24" up to and including 51" in width, lighter than 18 gauge .....	United States	3.1	41.0
	United Kingdom	15.7	165.0
	Sweden	-	2.1
Over 51" in width 18 gauge and heavier .....	United States	6.8	34.8
	United Kingdom	-	3.1
	Sweden	5.6	34.1
Over 51" in width lighter than 18 gauge .....	United States	-	-
Cold rolled:			
Under 24" in width 18 gauge and heavier .....	United States	52.5	425.8
	United Kingdom	-	.8
Under 24" in width lighter than 18 gauge .	United States	91.4	1,398.4
	United Kingdom	-	.6
	France	-	53.9
	Germany	-	1.1
	Japan	-	4.8
	Sweden	-	.1
Cold rolled n.e.s. ....	United States	142.2	1,617.6
	United Kingdom	78.4	1,373.6
	France	6.7	161.3
	Japan	110.9	445.4
	Sweden	13.2	13.2



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Plate, sheet and strip for pipes and tubes:</u>							
Hot rolled:							
15 3/8" and under in width .....	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	1,333	-	-
	Australia	-	-	-	67	-	-
Over 15 3/8" in width ...	United States	-	-	-	-	-	-
Plate for pipe, up to and including 60" in width .....							
	United States	-	-	-	2	-	-
	United Kingdom	-	-	-	-	-	-
Plate for pipe, over 60" in width .....							
	United States	-	-	-	16,685	-	-
	United Kingdom	-	-	-	1,943	-	-
	Australia	-	-	-	1,451	-	-
	Japan	-	-	-	3,425	-	-
Cold rolled .....	United States	11	-	-	13	-	-
<u>Pipes and tubes:</u>							
Spiral welded .....	United States	58	-	-	1,434	-	-
	Germany	-	-	-	51	-	-
Cast .....	United States	19	-	-	505	-	-
	United Kingdom	560	-	-	12,723	-	-
	Australia	77	-	-	239	-	-
	France	107	-	-	227	-	-
For pressure parts of boilers:							
Seamless hot finished ...	United States	43	31	-	1,260	179	14.6
	United Kingdom	140	35	-	2,038	55	-
	France	-	-	-	6	-	-
	Germany	8	-	-	8	-	-
	Italy	-	-	-	172	2	-
	Japan	29	-	-	81	-	-
Seamless cold drawn .....	United States	1	1	.3	81	28	63.2
	United Kingdom	-	65	-	100	68	1.3
	France	-	-	-	27	-	-
	Sweden	-	-	-	-	-	2.3

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Welded .....	United States	3	-	-	529	-	.1
	United Kingdom	87	-	-	1,682	-	-
	Germany	-	-	-	45	-	-
	Switzerland	281	-	-	1,176	-	-
Seamless cold drawn, n.e.s.	United States	61	13	11.7	1,347	90	198.5
	United Kingdom	10	-	2.6	434	9	89.7
	France	-	-	-	8	-	43.4
	Germany	-	-	-	13	-	-
	Italy	-	-	-	12	-	-
	Japan	-	-	-	13	-	-
	Sweden	5	-	.2	154	-	45.4
Mechanical tubing .....	United States	1,069	478	2.3	9,156	4,058	78.9
	United Kingdom	8	78	-	334	428	2.4
	Germany	71	-	-	300	94	-
	Japan	-	-	-	9	-	-
	Netherlands	16	-	-	16	-	-
	Sweden	-	153	-	-	1,250	-
Seamless hot finished, n.e.s.:							
Up to and including 6 5/8" O.D, .....	United States	98	2	1.2	1,071	124	43.8
	United Kingdom	42	-	-	1,151	36	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	140	-	-
	Sweden	-	-	-	20	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ....	United States	31	-	-	212	6	1.3
	United Kingdom	2	-	-	1,266	-	-
	Germany	-	-	-	14	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	97	-	-	2,774	4	.4
	United Kingdom	-	-	-	11,235	-	-
	Germany	16	-	-	1,044	-	-
Over 16" O.D. ....	United States	90	-	-	2,200	2	-
	United Kingdom	-	-	-	3,289	-	-
Drill pipe .....	United States	415	-	-	4,296	27	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded</u>							
Welded n.e.s.:							
Up to and including 4 1/2" O.D. ....	United States	164	-	10.4	3,011	-	161.1
	United Kingdom	420	-	.7	3,632	-	12.8
	Belgium	20	-	-	875	-	-
	France	435	-	-	7,105	-	-
	Germany	365	-	-	5,406	-	-
	Japan	68	-	-	1,395	-	-
	Netherlands	-	-	-	62	-	-
	Sweden	-	-	-	14	-	6.3
Over 4 1/2" O.D. up to and including 16" O.D..	United States	42	-	4.0	900	2	131.9
	United Kingdom	-	-	-	3	-	-
	France	-	-	-	4	-	-
	Germany	7	-	-	2,848	-	-
	Japan	-	-	-	19	-	-
	Sweden	-	-	-	32	-	1.0
	Switzerland	34	-	-	34	-	-
Over 16" O.D. ....	United States	33	-	-	1,548	5	7.9
	United Kingdom	-	-	-	2,521	-	-
Oil country tubing up to and including 3 1/2" O.D.	United States	329	-	-	2,910	-	-
	United Kingdom	455	-	-	1,834	-	-
	Germany	-	-	-	456	-	-
	Japan	733	-	-	4,379	-	-
Casing:							
J-55 and H-40 .....	United States	262	-	-	2,103	-	-
	United Kingdom	233	-	-	3,529	-	-
	France	-	-	-	166	-	-
	Germany	246	-	-	633	-	-
	Italy	-	-	-	156	-	-
	Japan	159	-	-	3,999	-	-
All other casing .....	United States	46	-	-	1,435	-	-
	United Kingdom	-	-	-	853	-	-
	Japan	280	-	-	925	-	-
Conduit .....	United States	2	-	-	208	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Wire products:</u>							
Wire:							
For wire rope .....	United States	-	-	-	119	-	1.6
	United Kingdom	602	-	-	11,072	-	-
	Belgium	-	-	-	2	-	-
	Germany	224	-	-	3,164	-	-
	Japan	64	-	-	1,512	-	-
For springs, cushions, etc. ....	United States	-	-	-	110	2	-
	United Kingdom	-	-	-	28	-	-
	Japan	170	-	-	925	-	-
For corset clasps, dress stays, etc. ....	United States	1	-	-	35	-	-
	United Kingdom	4	-	-	35	-	-
Coated (tin, copper, plastic, paper, paint etc.) .....	United States	14	-	4.8	261	-	39.6
	United Kingdom	60	-	-	252	-	-
	Austria	-	-	-	17	-	-
	Belgium	8	-	-	22	-	-
	Germany	-	-	-	14	-	-
	Japan	4	-	-	25	-	-
Galvanized fence wire ...	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	1,371	-	-
	Belgium	45	-	-	185	-	-
	France	98	-	-	323	-	-
	Germany	24	-	-	785	-	-
	Japan	-	-	-	3	-	-
	Netherlands	-	-	-	66	-	-
Galvanized, n.e.s. ....	United States	22	-	-	305	-	-
	United Kingdom	66	-	-	1,611	-	-
	Austria	2	-	-	190	-	-
	Belgium	75	-	-	554	-	-
	France	-	-	-	437	-	-
	Germany	38	-	-	291	-	-
	Italy	3	-	-	15	-	-
	Japan	40	-	-	942	-	-
	Netherlands	-	-	-	36	-	-
Wire, n.e.s. ....	United States	81	2	10.5	1,448	68	90.6
	United Kingdom	24	-	2.4	1,203	-	33.2
	Austria	19	-	-	608	-	-
	Belgium	53	-	-	918	-	-
	France	22	-	-	1,094	-	-
	Germany	141	-	-	1,081	-	.3
	Japan	159	-	.6	2,181	-	1.7
	Netherlands	50	-	-	237	-	-
	Sweden	3	-	2.9	101	-	43.7

TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		net tons of 2,000 pounds					
<u>Wire products - Concluded:</u>							
Wire rope .....	United States	16	-	3.8	222	-	24.1
	United Kingdom	301	-	-	2,735	-	-
	Belgium	24	-	-	185	-	-
	Denmark	3	-	-	36	-	-
	France	44	-	-	557	-	-
	Germany	16	-	-	661	-	-
	Japan	46	-	-	1,657	-	-
	Netherlands	55	-	-	724	-	-
	Norway	12	-	-	108	-	-
	Sweden	-	-	-	9	-	-
	Switzerland	2	-	-	10	-	-
Welding rods (cut length) .	United States	30	48	16.3	1,075	839	296.6
	United Kingdom	96	4	-	605	20	-
	Australia	-	-	-	1	-	-
	Austria	-	-	-	-	1	9.1
	Germany	1	-	-	1	-	.7
	Japan	-	-	1.2	1	-	2.7
	Sweden	-	-	.2	13	-	9.3
Welding wire in coil form (excludes wire for the manufacture of welding rods) .....	United States	25	28	3.0	434	194	33.4
	United Kingdom	2	-	-	16	-	-
	Belgium	-	-	-	2	-	-
	Japan	-	-	-	50	-	-
Wire rods (all sizes) .....	United States	-	-	5.1	191	-	27.9
	United Kingdom	-	-	-	1,578	-	-
	Australia	266	-	-	489	-	-
	Belgium	1,374	-	-	8,152	-	-
	Chile	-	-	-	97	-	-
	France	1,502	-	-	15,369	-	-
	Germany	1,894	-	-	10,551	-	3.8
	Japan	100	-	-	2,183	-	-
	Netherlands	-	-	-	287	-	-
<u>Rails and railway material:</u>							
Rails:							
60 lb. and under per lineal yard .....	United States	-	-	-	83	-	-
	Belgium	-	-	-	33	-	-
	Germany	116	-	-	811	-	-
	Japan	-	-	-	20	-	-
Over 60 lb. up to and including 100 lb. per lineal yard .....	United States	-	-	-	3,371	-	-
	United Kingdom	-	-	-	51	-	-
	Germany	-	-	-	20	-	-
Over 100 lb. per lineal yard .....	United States	13	-	-	376	-	-



TABLE 18. Imports of Selected Forms of Iron and Steel

Commodity	Country of origin	December, 1961			Twelve months ended December, 1961		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds							
<u>Rails and railway material - Concluded</u>							
Track material:							
Fish plates, angle bars, etc. ....	United States	11	-	-	546	-	-
	United Kingdom	-	-	-	2,047	-	-
	Belgium	-	-	-	2	-	-
	Germany	3	-	-	241	-	-
Switch points, guard rails	United States	3	-	-	56	-	-
	United Kingdom	-	-	-	10	-	-
Other railway material:							
Axles .....	United States	1	-	-	11	-	-
	United Kingdom	-	-	-	57	-	-
Steel tires .....	United States	5	-	-	111	-	-
	United Kingdom	-	-	-	49	-	-
Steel wheels .....	United States	48	-	-	140	-	-
	United Kingdom	12	-	-	1,569	-	-
Total imports .....		62,773	4,498	1,113.2	786,707	39,761	11,920.5

Note: High strength low alloy steel included with carbon, refer to table 20 for details

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country of Origin

Country of origin	December, 1961			Twelve months ended December, 1961		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States .....	22,270	3,917	628.8	343,707	35,452	7,116.7
United Kingdom .....	10,962	341	267.6	133,957	2,002	3,180.2
Australia .....	2,325	-	-	6,754	-	-
Austria .....	21	40	-	829	303	16.4
Belgium (1) .....	12,017	-	-	127,100	-	2.3
Chile .....	-	-	-	97	-	-
Denmark .....	3	-	-	36	-	-
France .....	3,847	-	6.7	50,064	7	351.4
Germany .....	7,746	13	-	71,752	214	5.9
Hong Kong .....	-	-	-	25	-	-
Italy .....	3	-	-	355	2	-
Japan .....	3,088	-	112.7	48,036	-	458.0
Netherlands .....	121	-	-	1,433	-	-
Norway .....	12	-	-	133	-	-
Spain .....	-	-	-	-	-	-
Sweden .....	41	187	97.4	1,209	1,781	789.6
Switzerland .....	317	-	-	1,220	-	-
U.S.S.R. ....	-	-	-	-	-	-
Totals .....	62,773	4,498	1,113.2	786,707	39,761	11,920.5

(1) Includes Luxembourg

TABLE 20. Imports of Selected Forms of High Strength Low Alloy Steels

	Country of Origin	December 1961	Twelve months ended December, 1961
net tons of 2,000 pounds			
<u>Bars and sections:</u>			
Hot rolled bars, n.e.s. ....	United States	4.5	99.9
Cold rolled bars, n.e.s. ....	United States	-	.6
<u>Structural shapes:</u>			
Wide flange beams ....	United States	134.7	1,285.2
n.e.s. 3" to 6" ....	United States	-	89.1
n.e.s. over 6" ....	United States	-	238.8
bar size, n.e.s. ....	United States	-	4.6
<u>Plates:</u>			
60" and under in width ....	United States	213.0	613.6
Over 60" up to and including 100" in width ....	United States	289.8	488.4
	United Kingdom	-	32.8
Over 100" in width ....	United States	11.3	928.0
Flanged or dished ....	United States	21.6	21.6
<u>Sheets and strip:</u>			
Hot rolled:			
Under 12" in width ....	United States	-	.1
24" to 51" in width ....	United States	33.5	267.7
	United Kingdom	-	12.4
Over 51" in width ....	United States	56.6	880.5
	United Kingdom	-	28.4
Cold rolled:			
24" to 51" in width ....	United States	6.8	71.2
	United Kingdom	-	4.9
Over 51" in width ....	United States	-	47.6
<u>Pipes and tubes:</u>			
Mechanical tubing ....	United States	-	9.9
Total High Strength Low Alloy .....		771.8	5,125.3

Note: High strength low alloy steel comprises a specific group of steel with chemical compositions specially developed to impart higher mechanical property values and greater resistance to atmospheric corrosion than are obtainable from conventional carbon structural steels containing copper. High strength low alloy steels are generally produced to mechanical property requirements rather than to chemical composition limits. For statistical purposes all steels falling within the scope of the foregoing definition are considered to constitute an exception to alloy steels as usually defined and have, therefore, been included in the "carbon" rather than "alloy" in Table 14. Data shown above reveal the amounts so classified during the current month.

TABLE 21. Exports(1) of Selected Forms of Iron and Steel

	September, 1961	Nine months ended September, 1961
	net tons of 2,000 pounds	
Pig iron .....	50,233	362,609
Sprong iron .....	229	2,038
Steel ingots .....	17,966	64,518
Blooms, billets, slab steel .....	12,090	156,217
Iron castings, n.e.s. ....	591	4,861
Steel castings .....	96	1,329
Forgings, n.e.s. ....	788	5,820
Bars steel, hot rolled .....	1,932	30,571
Wire rods steel, hot rolled .....	551	4,326
Bars steel, cold rolled .....	290	2,107
Plate steel .....	125	4,144 -
Sheets and strip, carbon steel, hot rolled .....	2,787	45,705
Sheets and strip steel, n.e.s. ....	13,599	111,588 -
Structural shapes .....	4,445	10,513
Rails .....	2,885	54,434
Cast iron pipe .....	-	32
Pipes and tubes, iron and steel, n.e.s. ....	2,002	19,260
Total .....	110,609	880,072

(1) Latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9-15-16 and 17.



















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